

SCHEDULE 40 UTILITY PVC RIGID NONMETALLIC CONDUIT AND ELBOWS



Schedule 40 Utility Conduit

Schedule 40 Utility Elbows

Schedule 40 Utility Long Belled
Elbows



Schedule 40 PVC Rigid Nonmetallic Utility Conduit

- For direct earth burial and concrete encasement, specifically designed for the power utility specifications.
- Rated for use with 90°C conductors
- NEMA TC-2
- Made in USA
- Non-ETL Listed



*With Integral Bell

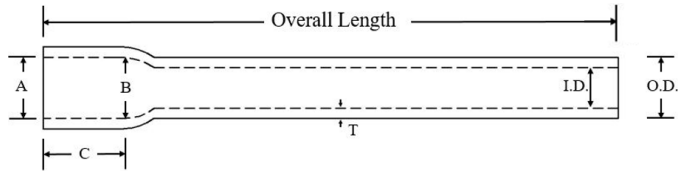
Part Number		Trade Size	Std. Crate Qty.		Wt. Per 100'	¹ Dimensions	
10'	20'		10'	20'		O.D. (Avg.)	Wall (Min.)
59610-010	59610-020	1½"	2250'	4500'	56	1.900	0.145
59611-010	59611-020	2"	1400'	2800'	75	2.375	0.154
59612-010	59612-020	2½"	930'	1860'	124	2.875	0.203
59613-010	59613-020	3"	880'	1760'	172	3.500	0.216
59615-010	59615-020	4"	570'	1140'	244	4.500	0.237
59616-010	59616-020	5"	380'	760'	331	5.563	0.258
59617-010	59617-020	6"	260'	520'	430	6.625	0.280
59618-010	59618-020	8"	150'	300'	647	8.625	0.322



Integral Bell Dimension Specifications

1. O.D., I.D., and Wall meet NEMA TC-2, Table 3-1.
2. Bell Entrance and Bottom dimensions meet NEMA TC-2, Table 3-2.
3. Bell Depth meets NEMA TC-2 Table 3-2 minimum socket depth standards.

Rigid Non-Metallic Schedule 40 Electrical Conduit



Trade Size (in)	O.D.	Min I.D.	Min Wall Thk., T	Approx. Weight, lbs/ft	Bell Entrance A	Bell Bottom B	Bell Length C
1/2	0.840	0.578	0.109	0.165	0.852	0.836	1.75
3/4	1.050	0.780	0.113	0.220	1.064	1.046	2.25
1	1.315	1.004	0.133	0.326	1.330	1.310	2.25
1 1/4	1.660	1.335	0.140	0.441	1.677	1.655	2.25
1 1/2	1.900	1.564	0.145	0.528	1.918	1.894	2.75
2	2.375	2.021	0.154	0.730	2.393	2.369	4.00
2 1/2	2.875	2.414	0.203	1.158	2.890	2.868	4.00
3	3.500	3.008	0.216	1.609	3.515	3.492	4.00
3 1/2	4.000	3.486	0.226	1.935	4.015	3.992	4.00
4	4.500	3.961	0.237	2.292	4.515	4.491	5.00
5	5.563	4.975	0.258	3.105	5.593	5.553	5.75
6	6.625	5.986	0.280	4.030	6.658	6.614	6.50
8*	8.625	7.853	0.322	6.065	8.670	8.610	6.50

- 6" and below tested and certified by ETL Intertek to UL651. UL651 does not include 8"
- Dimensions are nominal (inches) and are subject to normal manufacturing tolerances

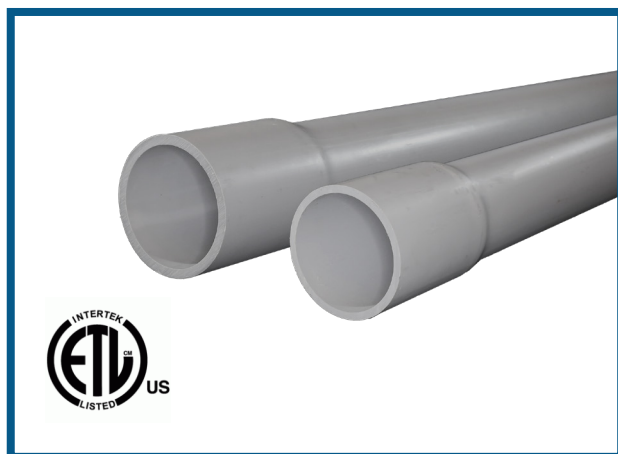
Trade Size (in)	10' Length		20' Length		10' Crate Quantity ft	20' Crate Quantity ft
	Catalog Part Number	System Part Number	Catalog Part Number	System Part Number		
1/2	4005010	8102	4005020	8502	6000	12000
3/4	4007510	8103	4007520	8503	4400	8800
1	4010010	8104	4010020	8504	3600	7200
1 1/4	4012510	8105	4012520	8505	3300	6600
1 1/2	4015010	8106	4015020	8506	2250	4500
2	4020010	8108	4020020	8508	1400	2800
2 1/2	4025010	8110	4025020	8510	930	1860
3	4030010	8112	4030020	8512	880	1760
3 1/2	4035010	8114	4035020	8514	630	1260
4	4040010	8116	4040020	8516	570	1140
5	4050010	8120	4050020	8520	380	760
6	4060010	8124	4060020	8524	260	520
8	4080010	880747	4080020	924297	140	280

- Lengths shown are nominal (inches) and are subject to normal manufacturing tolerances
- UL 651
- NEMA TC-2
- Sunlight resistant per UL 651
- Listed for 90° C conductors or cable
- Rigid non-metallic raceway for wires and cables in accordance with the NEC

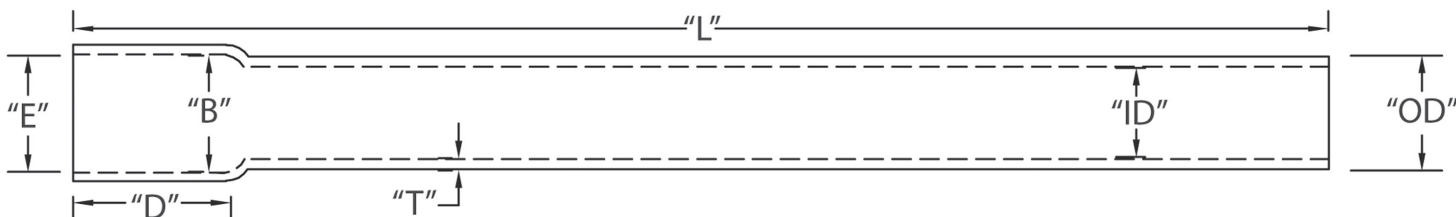
Nonmetallic PVC Schedule 40 Conduit

CANTEX Schedule 40 PVC Conduit is designed for underground or aboveground applications, and it is backed by over 60 years of manufacturing excellence.

- Nonmetallic PVC material which is corrosion, rust and sunlight resistant
- ETL listed
- Conforms to UL651 and NEMA TC-2
- Rated for use with 90-degree C conductors
- Made in USA
- Sunlight Resistant
- 10' Lengths
- 20' Lengths available (See note below)



Nonmetallic PVC Schedule 40 Conduit Belled End - 10' Lengths



Part No.	Size	Feet per Pack	T Min	OD	ID Min	E	B	D Nom	L Min
A52AE12	1/2	6,000	.109	.840	.578	.852	.836	1.500	120
A52AG12	3/4	4,400	.113	1.050	.780	1.064	1.046	1.750	120
A52BA12	1	3,600	.133	1.315	1.004	1.330	1.310	2.000	120
A52BC12	1-1/4	3,300	.140	1.660	1.335	1.677	1.655	2.250	120
A52BE12	1-1/2	2,250	.145	1.900	1.564	1.918	1.894	2.500	120
A52CA12	2	1,400	.154	2.375	2.021	2.393	2.369	3.000	120
A52CE12	2-1/2	930	.203	2.875	2.414	2.890	2.868	3.250	120
A52DA12	3	880	.216	3.500	3.008	3.515	3.492	3.750	120
A52DE12	3-1/2	630	.226	4.000	3.486	4.015	3.992	4.000	120
A52EA12	4	570	.237	4.500	3.961	4.515	4.491	4.500	120
A52FA12	5	380	.258	5.563	4.975	5.593	5.553	5.500	120
A52GA12	6	260	.280	6.625	5.986	6.658	6.614	6.125	120
A52JA12*	8	180	.322	8.625	7.853	8.670	8.610	6.375	120

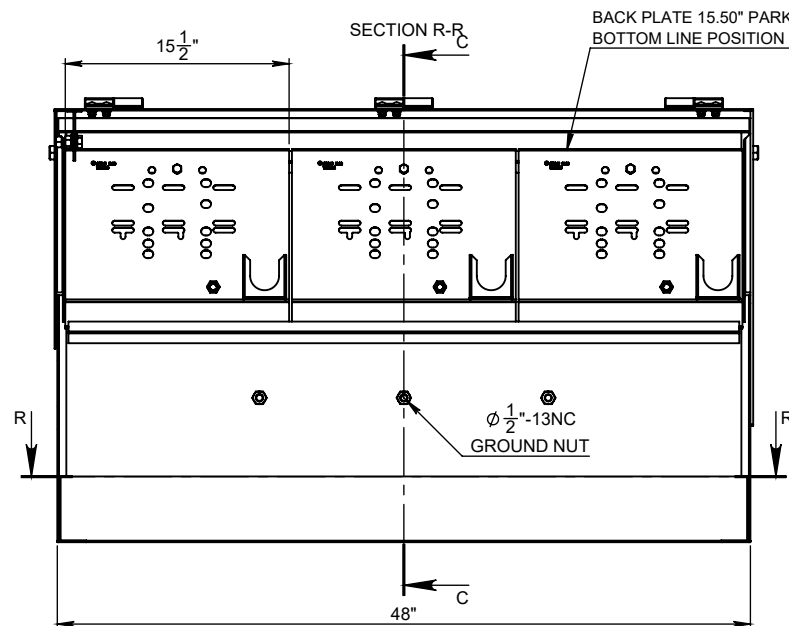
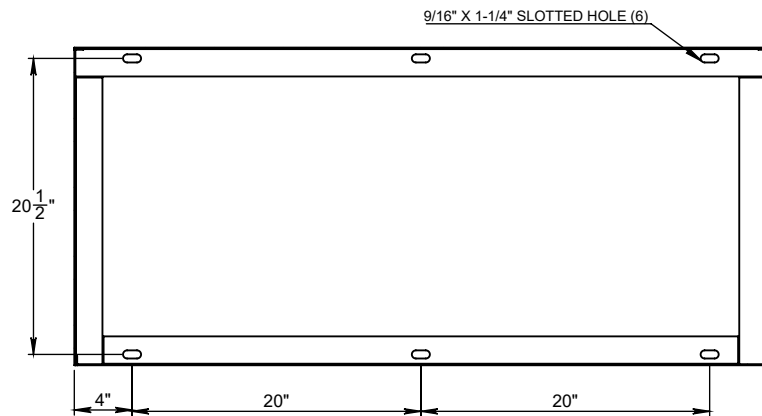
Dimensions are nominal

* Not ETL Listed

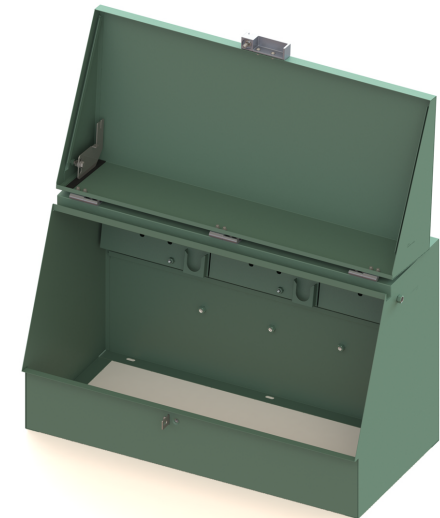
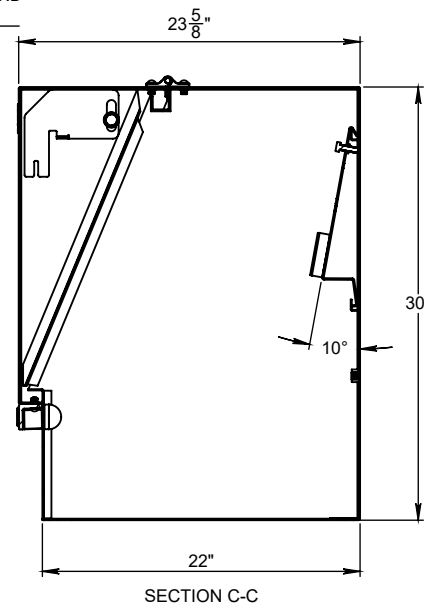
Note: 20' length available on request with the exception of the 1/2 inch conduit sizes.
Schedule 40 conduit complies with federal and military specifications by conforming to UL 651.

Three Phase Cabinet 25kV 600AMP

APS-14S304822-UUU



- Steel Green High Profile Style 30X48X22 inches with 3 Backplates Code U
- Steel 14 Gauge
- Green powder coat finish IEEE C57.12.28
- Lifting provision with two 5/8" 11UNC nuts
- Mounting Slots on base to be 9/16 X 1.25" OBRound Type
- Two Wind Lock
- Aluminum Hinges

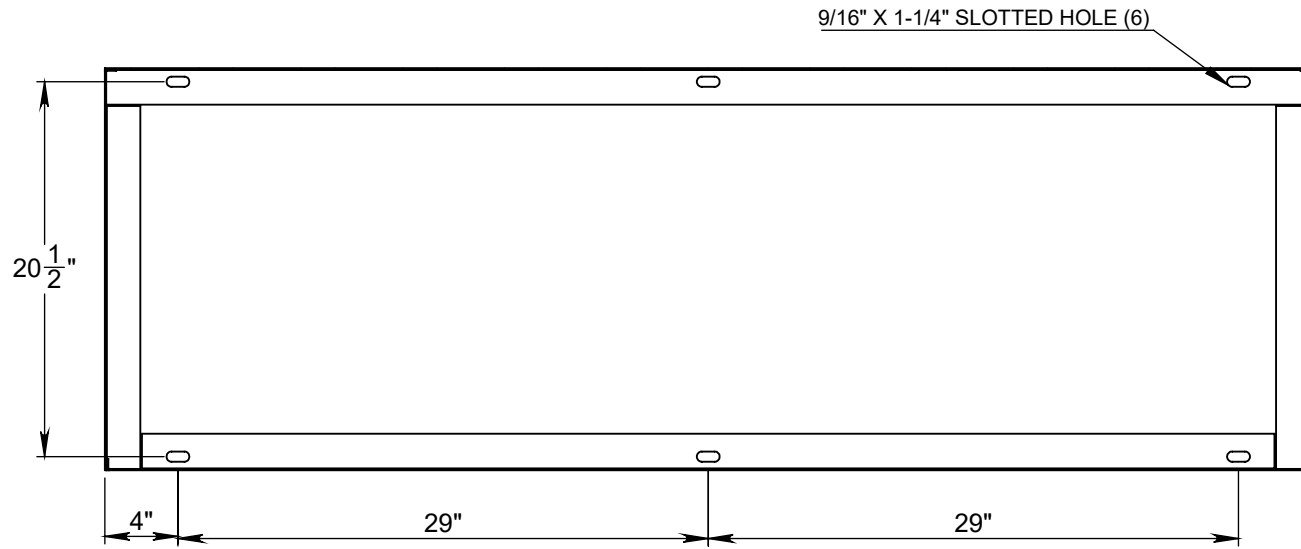


APS306723-ACACACA

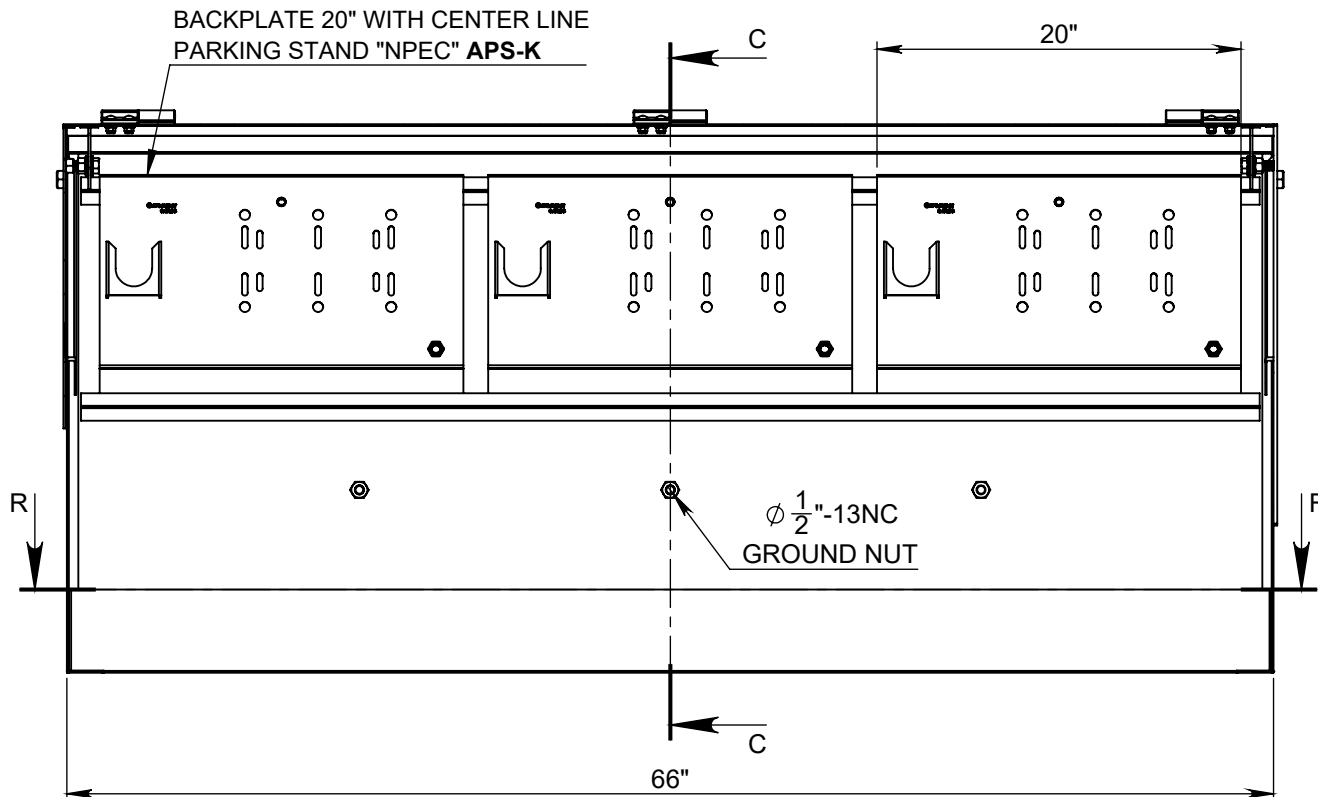
Back plates to comply
with PEC specifications

APS-145306622-KKK

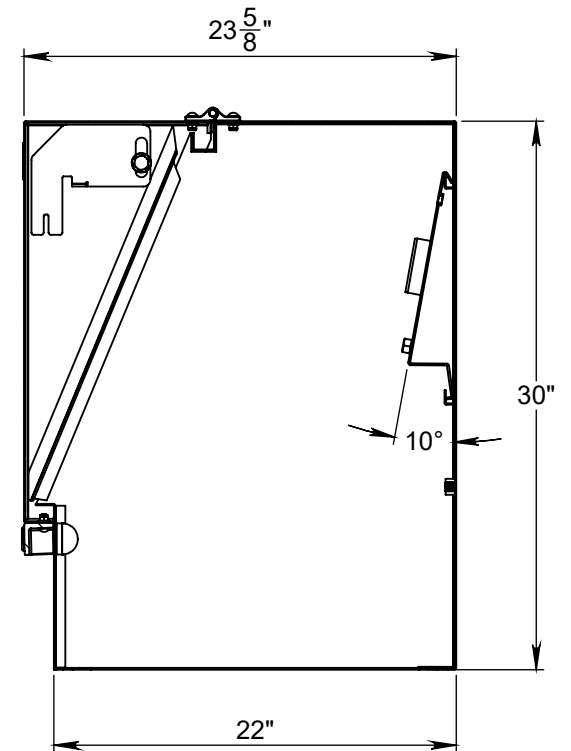
APS
AMERICAN PADMOUNT SYSTEMS

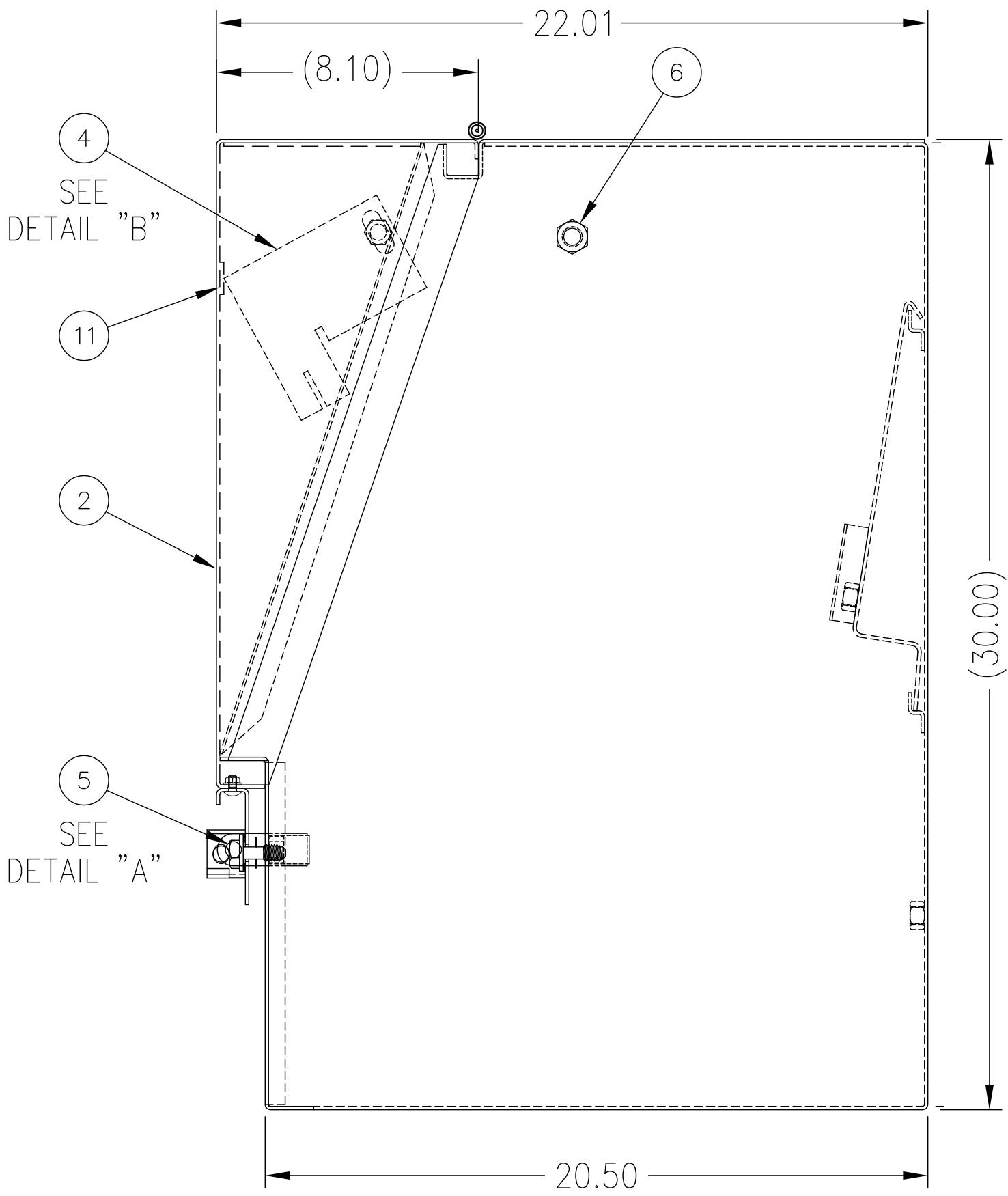
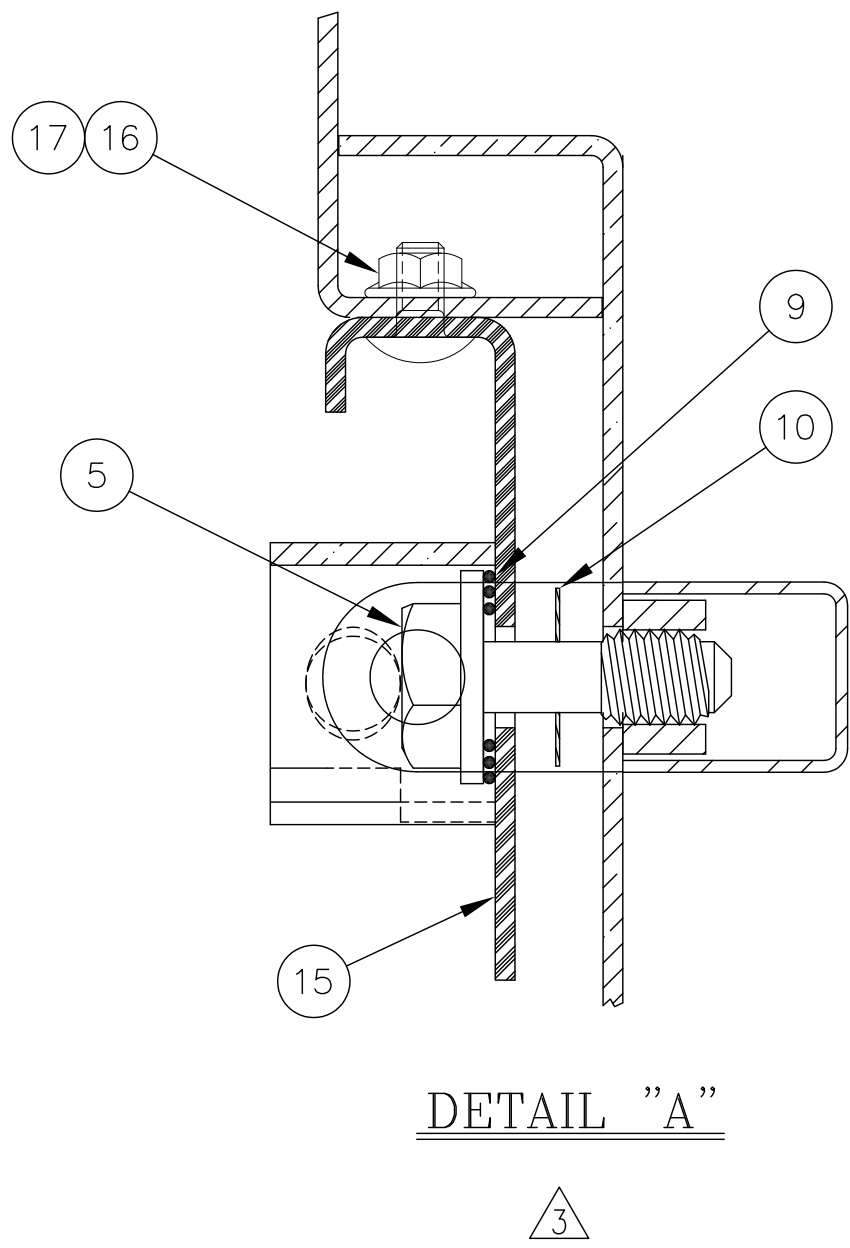
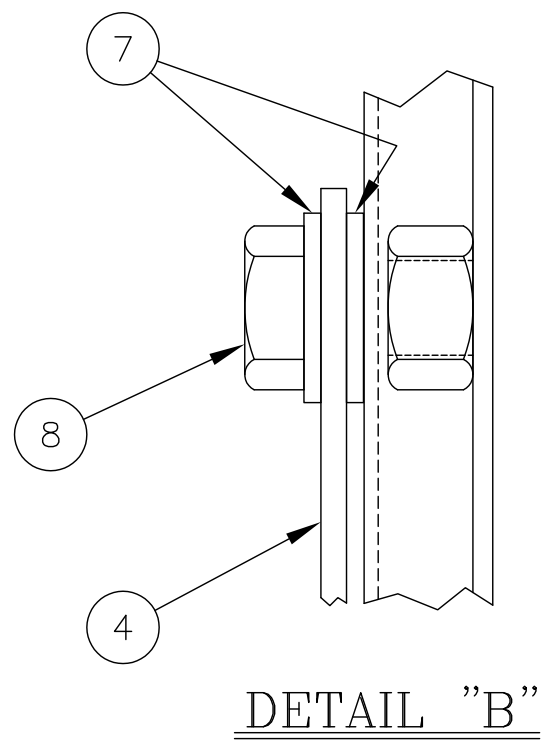
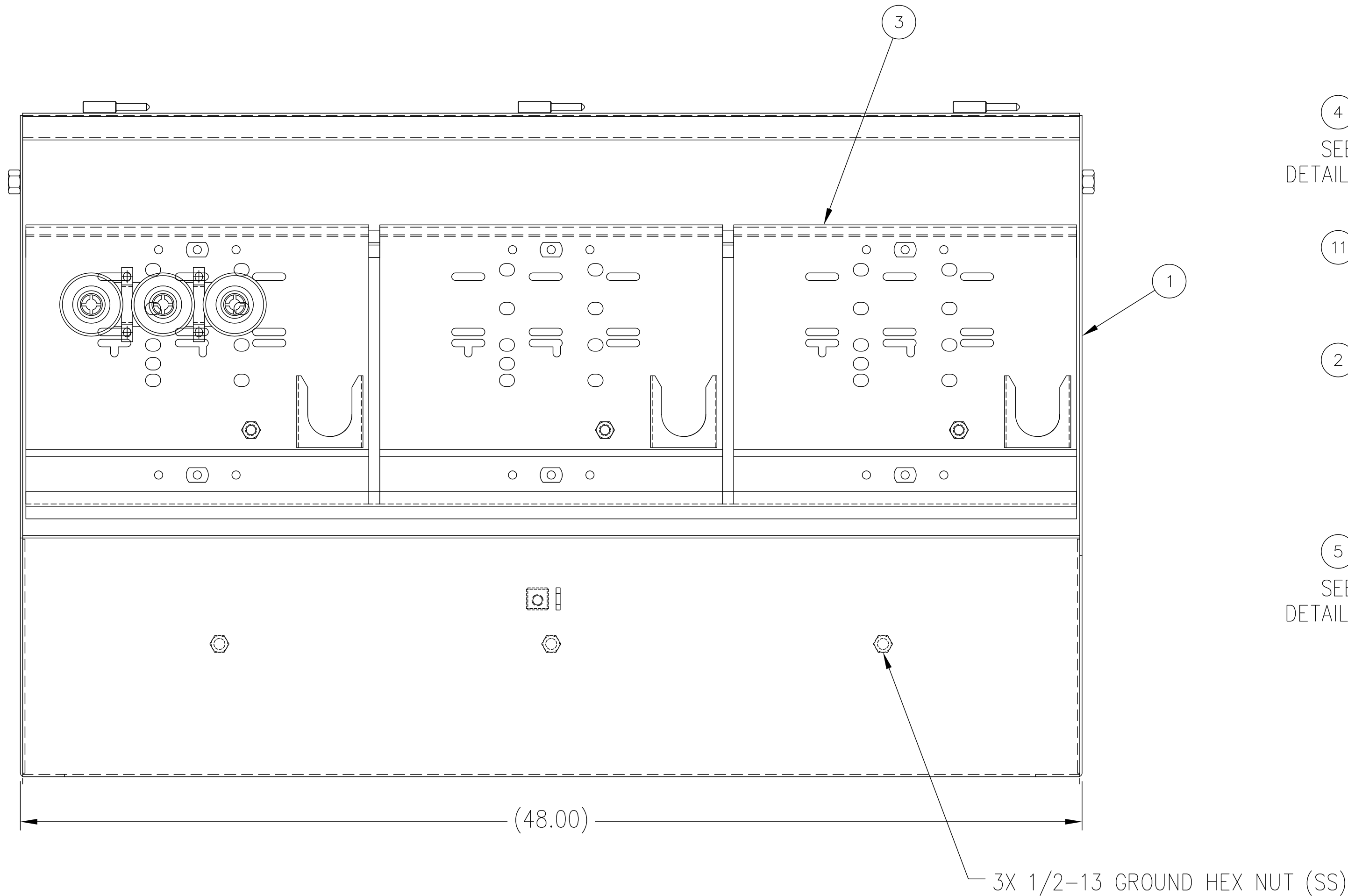
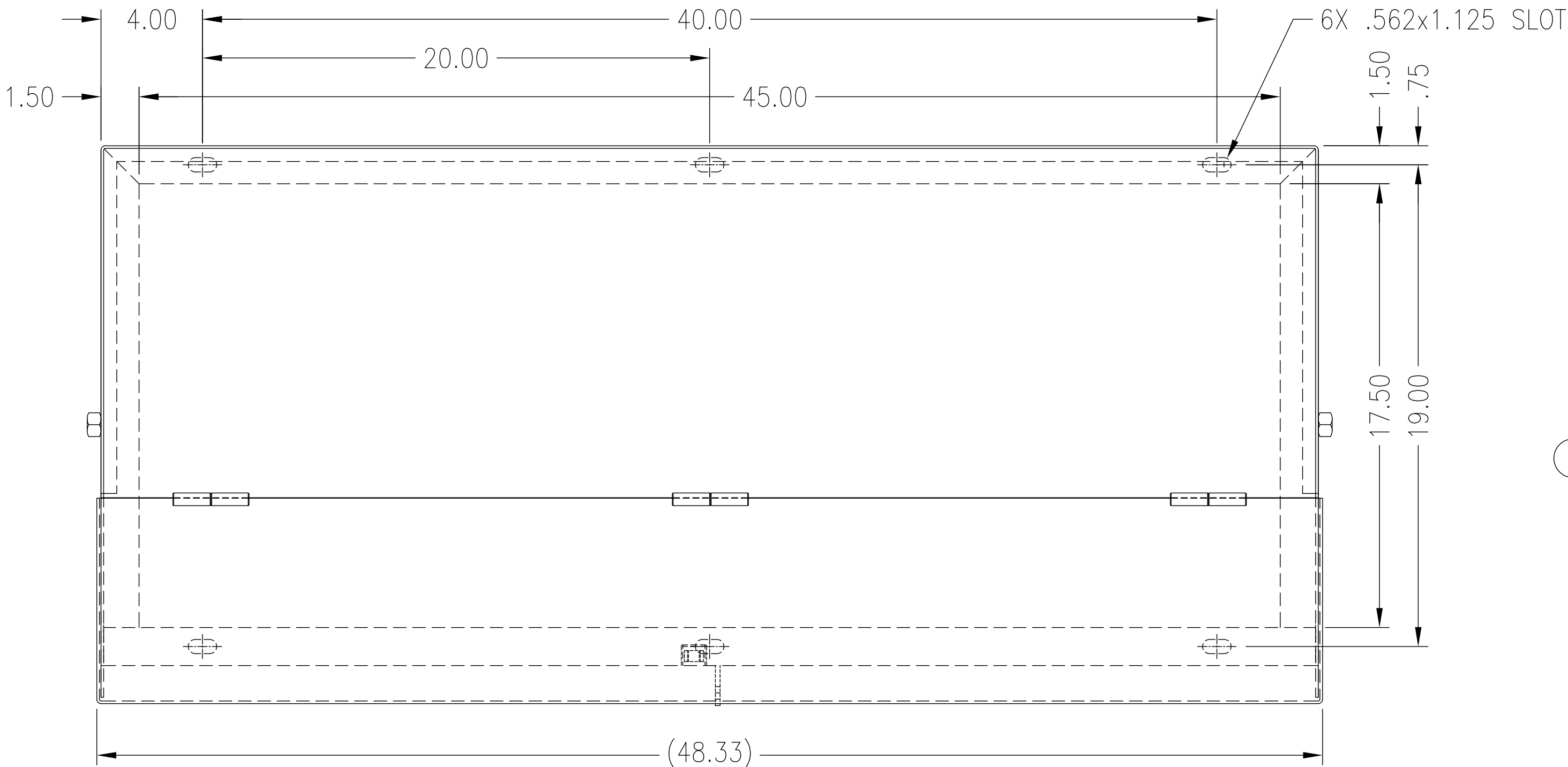


SECTION R-R

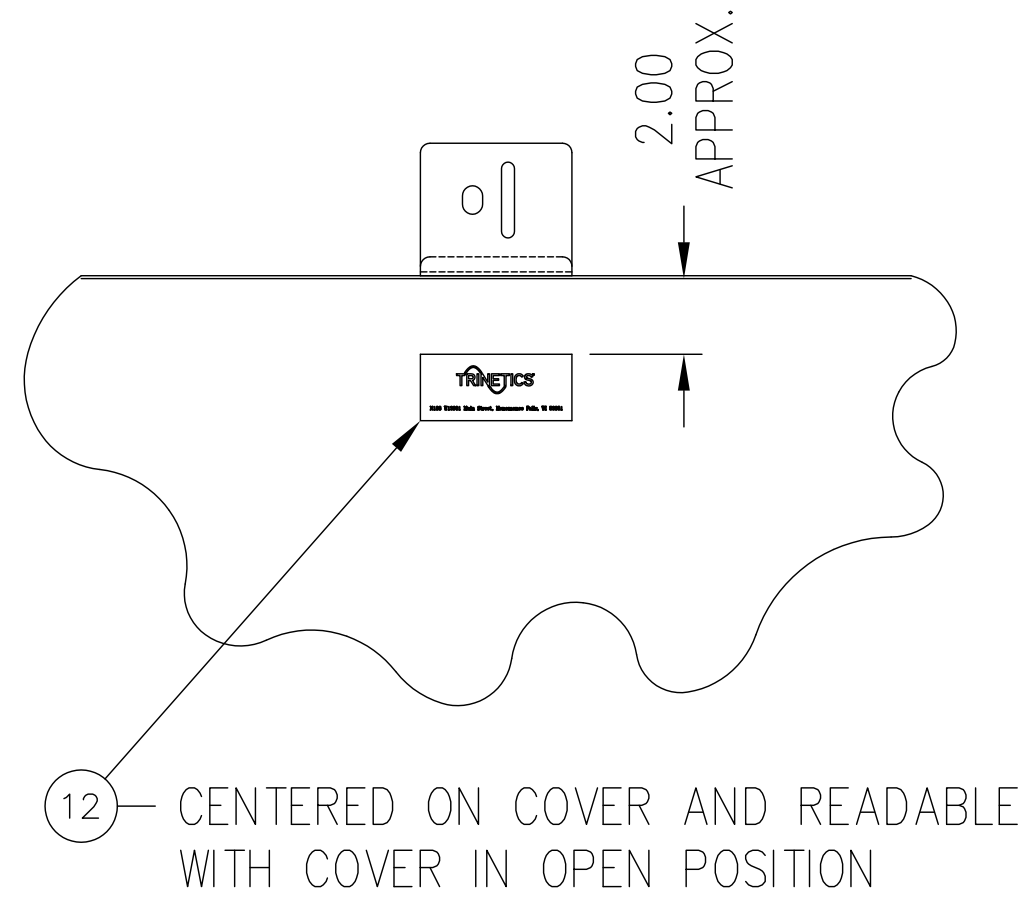


SECTION C-C





ITEM	QTY	PART #	DESCRIPTION	MATERIAL
1*	1	63388124	BODY WELDMENT	#12GA HRPO
2*	1	63388216	COVER WELDMENT	#12GA HRPO
3	3	63223201	MOUNTING BAR	#12GA HRPO
4	1	63380300	WIND STOP	#10GA HRPO
5	1	61216202	PENTA BOLT	STN STL
6	2	612129	CAPLUG	
7	2	92601305	1/2 FLAT WASHER	STN STL
8	1	92138116	1/2-13x1.0 HHCS	STN STL
9	1	612079	1/2 SPRING	STN STL
10	1	612048	1/2 ONE WAY WASHER	
11	.17	61208402	NEOPRENE GASKET	
12	1	617204	NAME & LOGO	DECAL
13*	A/R	617055	MUNSELL GREEN POWDER	PAINT
14*	.25	61721268	PALLET 49x52	WOOD
15	1	73189605	HANDLE WELDMENT	
16	2	9205A108	1/4-20x.50 CARRIAGE BOLT	STN STL
17	2	92251706WX	1/4-20 WHIZ LOCK NUT	STN STL
18	6	92078120FT	5/16-18x1-1/4 HEX HD SC	

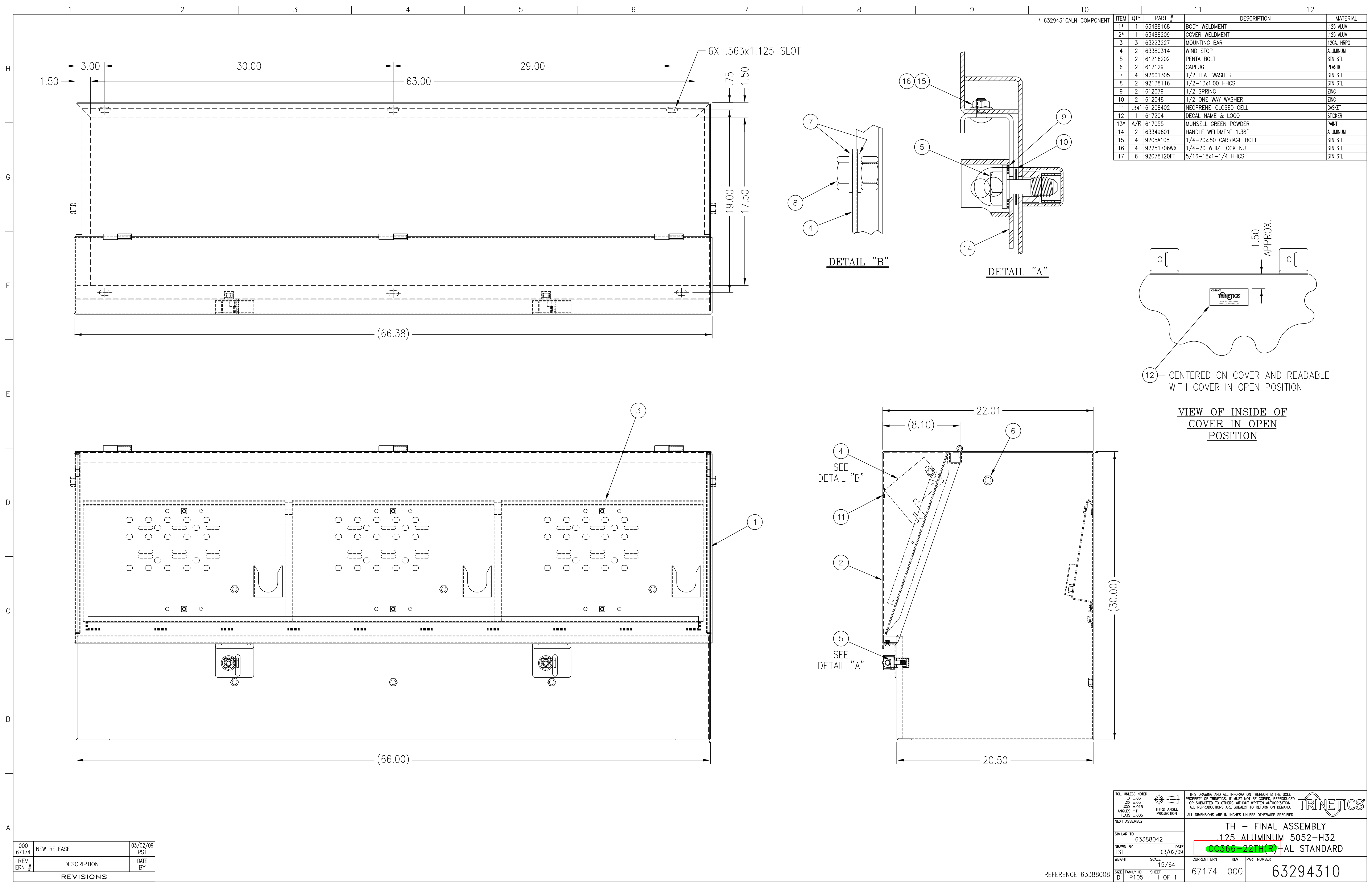


VIEW OF INSIDE OF COVER
IN OPEN POSITION



TOL. UNLESS NOTED .X ±.06 .XX ±.03 .XXX ±.015 ANGLES ±1° FLATS ±.005	THIRD ANGLE PROJECTION	THIS DRAWING AND ALL INFORMATION THEREON IS THE SOLE PROPERTY OF TRINETICS. IT MUST NOT BE COPIED, REPRODUCED OR SUBMITTED TO OTHERS WITHOUT WRITTEN AUTHORIZATION. ALL REPRODUCTIONS ARE SUBJECT TO RETURN ON DEMAND. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED	TRINETICS
NEXT ASSEMBLY		TH - FINAL ASSEMBLY #12GA (.1046) HRPO STEEL	
SIMILAR TO		CC348-22TH(R)	
DRAWN BY MLP	DATE 07/22/93	CURRENT ERN 500000000282	REV 005
WEIGHT	SCALE 1/4	SIZE FAMILY ID D P100	PART NUMBER 63388034
	SHEET 1 OF 1		

005 5.00282	ADDE CAPPLUGS	11/09/20 MM
004 65032	REVISED	12/05/02 CLV
003 63624	REVISED	11/11/99 CLV
002 62728	REVISED	03/09/98 PST
001 62478	REVISED	10/22/97 WK
000 60067	NEW RELEASE	07/22/93 MLP
REV ERN #	DESCRIPTION	DATE BY
REVISIONS		

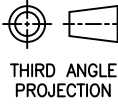


* 63294310ALN COMPONENT

ITEM	QTY	PART #	DESCRIPTION	MATERIAL
1*	1	63488168	BODY WELDMENT	.125 ALUM
2*	1	63488209	COVER WELDMENT	.125 ALUM
3	3	63223227	MOUNTING BAR	12GA. HRPO
4	2	63380314	WIND STOP	ALUMINUM
5	2	61216202	PENTA BOLT	STN STL
6	2	612129	CAPLUG	PLASTIC
7	4	92601305	1/2 FLAT WASHER	STN STL
8	2	92138116	1/2-13x1.00 HHCS	STN STL
9	2	612079	1/2 SPRING	ZINC
10	2	612048	1/2 ONE WAY WASHER	ZINC
11	.34'	61208402	NEOPRENE-CLOSED CELL	GASKET
12	1	617204	DECAL NAME & LOGO	STICKER
13*	A/R	617055	MUNSELL GREEN POWDER	PAINT
14	2	63349601	HANDLE WELDMENT 1.38"	ALUMINUM
15	4	9205A108	1/4-20x.50 CARRIAGE BOLT	STN STL
16	4	92251706WX	1/4-20 WHIZ LOCK NUT	STN STL
17	6	92078120FT	5/16-18x1-1/4 HHCS	STN STL

REFERENCE 63388008

TOL. UNLESS NOTED .X ±.06 .XX ±.03 XXX ±.015 ANGLES ±1° FLATS ±.005
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NEXT ASSEMBLY

SIMILAR TO

63388042

DRAWN BY

PST

WEIGHT

SIZE FAMILY ID

D P105

DATE

03/02/09

SCALE

15/64

SHEET

1 OF 1

CURRENT ERN

67174

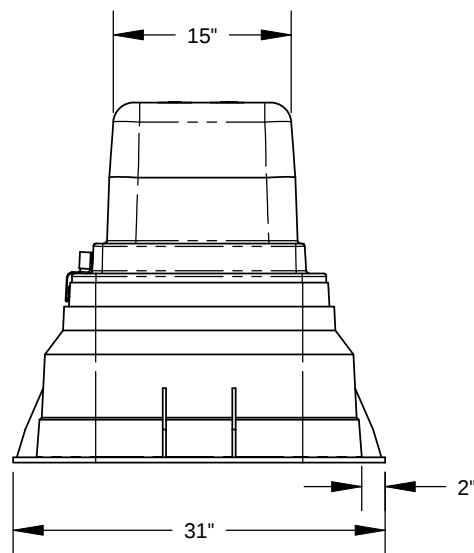
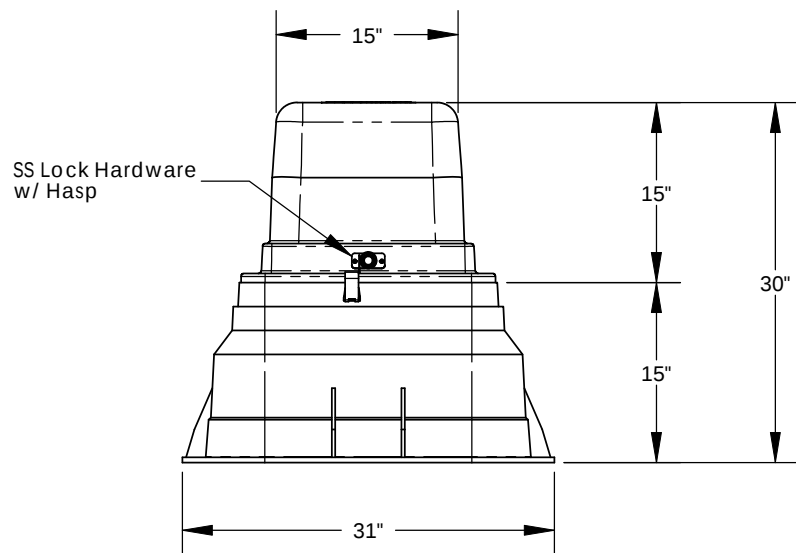
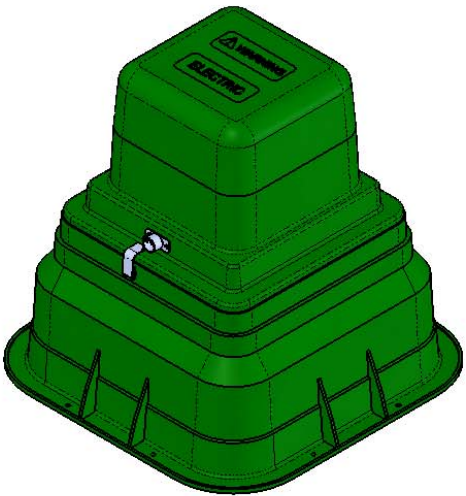
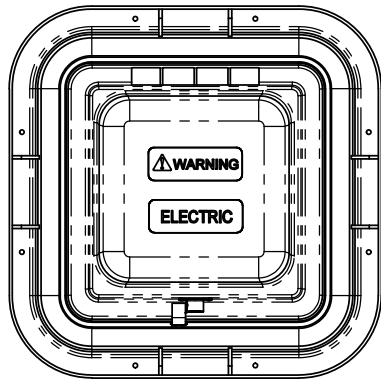
REV

000

PART NUMBER

63294310

REVISIONS			
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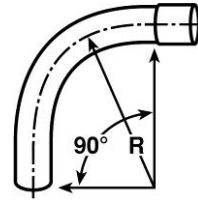
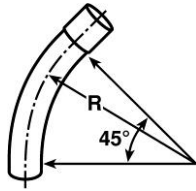


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Customer Name: N/A		
DIMENSIONS ARE IN INCHES		
TOLERANCES: ANGLES $\pm 1^\circ$		
FRACTIONAL $\pm 1/2$		
ONE PLACE DECIMAL $\pm .060$		
TWO PLACE DECIMAL $\pm .030$		
THREE PLACE DECIMAL $\pm .015$		
MATERIAL		
	NAME	DATE
DRAWN	P.J.W.	01/20/06
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Nordic Fiberglass, Inc.			
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www.nordicfiberglass.com			
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PSP-151530-MG			
SIZE	ITEM ID:	REV.	
A	03510.00	REL-01	
SCALE: 1:16			SHEET 1 OF 1

Schedule 80 PVC Elbows – Special Radius



Part Number	Trade Size	Type	Radius	Carton Quantity	EACH UPC
UB7CF	1"	PE	18"	1	670648055832
UB7DF	1"	PE	24"	1	670648055849
UB7FF	1"	PE	36"	1	670648055863
UB7HF	1"	PE	48"	1	670648055870
UB7DG	1-1/4"	PE	20"	1	670648055894
UB7FG	1-1/4"	PE	36"	1	670648055917
UB7HG	1-1/4"	PE	48"	1	670648055924
UB7CH	1-1/2"	PE	18"	1	670648055931
UB7DH	1-1/2"	PE	24"	1	670648055948
UB7DHB	1-1/2"	BE	24"	1	670648185058
UB7FH	1-1/2"	PE	36"	1	670648193732
UB7HH	1-1/2"	PE	48"	1	670648055962
UB7CJ	2"	PE	18"	1	670648193800
UB7DJ	2"	PE	24"	1	670648193855
UB7DJB	2"	BE	24"	1	670648185065
UB7FJ	2"	PE	36"	1	670648193954
UB7FJB	2"	BE	36"	1	670648187052
UB7HJ	2"	PE	48"	1	670648055986
UB7DK	2-1/2"	PE	24"	1	670648056006
UB7DKB	2-1/2"	BE	24"	1	670648185072
UB7FK	2-1/2"	PE	36"	1	670648193749
UB7HK	2-1/2"	PE	48"	1	670648056020
UB7CL	3"	PE	18"	1	670648341126
UB7DL	3"	PE	24"	1	670648194357
UB7DLB	3"	BE	24"	1	670648185089
UB7FL	3"	PE	36"	1	670648194456
UB7FLB	3"	BE	36"	1	670648187076
UB7HL	3"	PE	48"	1	670648194500
UB7DN	4"	PE	24"	1	670648194852
UB7DNB	4"	BE	24"	1	670648185096
UB7FN	4"	PE	36"	1	670648194951
UB7FNB	4"	BE	36"	1	670648187090
UB7HN	4"	PE	48"	1	670648195002
UB7FP	5"	PE	36"	1	670648195200
UB7HP	5"	PE	48"	1	670648195255
UB7FR	6"	PE	36"	1	670648056075
UB7HR	6"	PE	48"	1	670648193848
UB7IR	6"	PE	60"	1	670648176018

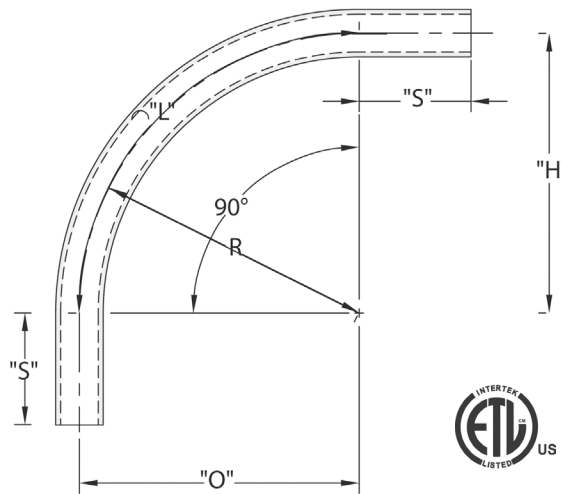
Part Number	Trade Size	Type	Radius	Carton Quantity	EACH UPC
UB9CF	1"	PE	18"	1	670648190533
UB9DF	1"	PE	24"	1	670648191066
UB9FF	1"	PE	36"	1	670648191219
UB9HF	1"	PE	48"	1	670648191257
UB9CG	1-1/4"	PE	18"	1	670648190540
UB9DG	1-1/4"	PE	24"	1	670648191073
UB9FG	1-1/4"	PE	36"	1	670648191226
UB9HG	1-1/4"	PE	48"	1	670648191264
UB9CH	1-1/2"	PE	18"	1	670648190557
UB9DH	1-1/2"	PE	24"	1	670648190601
UB9DHB	1-1/2"	BE	24"	1	670648185102
UB9FH	1-1/2"	PE	36"	1	670648190700
UB9HH	1-1/2"	PE	48"	1	670648191271
UB9CJ	2"	PE	18"	1	670648190809
UB9DJ	2"	PE	24"	1	670648190854
UB9DJB	2"	BE	24"	1	670648158861
UB9FJ	2"	PE	36"	1	670648190953
UB9FJB	2"	BE	36"	1	670648187045
UB9HJ	2"	PE	48"	1	670648191004
UB9CK	2-1/2"	PE	18"	1	670648190816
UB9DK	2-1/2"	PE	24"	1	670648191103
UB9DKB	2-1/2"	PE	24"	1	670648341515
UB9FK	2-1/2"	PE	36"	1	670648191202
UB9FKB	2-1/2"	BE	36"	1	670648111637
UB9HK	2-1/2"	PE	48"	1	670648191295
UB9CL	3"	PE	18"	1	670648191301
UB9DL	3"	PE	24"	1	670648191356
UB9DLB	3"	BE	24"	1	670648341522
UB9FL	3"	PE	36"	1	670648191455
UB9FLB	3"	BE	36"	1	670648229196
UB9HL	3"	PE	48"	1	670648191509
UB9DN	4"	PE	24"	1	670648191851
UB9DNB	4"	BE	24"	1	670648185119
UB9FN	4"	PE	36"	1	670648191950
UB9FNB	4"	BE	36"	1	670648229219
UB9HN	4"	PE	48"	1	670648192001
UB9HNB	4"	BE	48"	1	670648229271
UB9NN	4"	PE	120"	1	670648213782
UB9FP	5"	PE	36"	1	670648192209
UB9HP	5"	PE	48"	1	670648192254
UB9IP	5"	PE	60"	1	670648189490
UB9FR	6"	PE	36"	1	670648191240
UB9HR	6"	PE	48"	1	670648229318
UB9IR	6"	PE	60"	1	670648176025

Schedule 80 Special Radius Elbows - Plain End

CANTEX

Additional sizes are available as non-stock items. Call for specifications and quotes.

Schedule 80 90° Elbow Special Radius - Plain End



CANTEX Plain End Schedule 80 90-Degree Special Radius Elbows are used to change the direction of a conduit run by 90 degrees when special radiuses are needed.

- Schedule 80 Extra Heavy Wall Nonmetallic PVC construction for strength and durability
- For indoor or outdoor use
- Suitable for aboveground or buried
- Plain end connections are solvent weld
- ETL Listed
- Made in USA

Schedule 80 90° Elbow 36" Radius Plain End

Part Number	Trade Size	"R"	"O"	"H"	"S" MIN	"L"
5121080	1	36	36	36	1.875	56.500
5121084	1-1/4	36	36	36	2.000	56.500
5121100	1-1/2	36	36	36	2.000	56.500
5121021	2	36	36	36	2.000	56.500
5121016	2-1/2	36	36	36	3.000	56.500
5121081	3	36	36	36	3.125	56.500
5121023	4	36	36	36	3.375	56.500
5121083	5	36	36	36	3.625	56.500
5121073	6	36	36	36	3.750	56.5

Dimensions are nominal

Schedule 80 90° Elbow 18" Radius Plain End

Part Number	Trade Size	"R"	"O"	"H"	"S" MIN	"L"
5121846	1	18	18	18	1.875	28.250
5119822	1-1/4	18	18	18	2.000	28.250
5121848	1-1/2	18	18	18	2.000	28.250
5121099	2	18	18	18	2.000	28.250
5121027	2-1/2	18	18	18	3.000	28.250
5121079	3	18	18	18	3.125	28.250

Dimensions are nominal

Schedule 80 90° Elbow 24" Radius Plain End

Part Number	Trade Size	"R"	"O"	"H"	"S" MIN	"L"
5121018	1	24	24	24	1.875	37.750
5119824	1-1/4	24	24	24	2.000	37.750
5121015	1-1/2	24	24	24	2.000	37.750
5121019	2	24	24	24	2.000	37.750
5121028	2-1/2	24	24	24	3.000	37.750
5121020	3	24	24	24	3.125	37.750
5121022	4	24	24	24	3.375	37.750

Dimensions are nominal

Schedule 80 90° Elbow 48" Radius Plain End

Part Number	Trade Size	"R"	"O"	"H"	"S" MIN	"L"
5121065	1	48	48	48	1.875	75.375
5121076	1-1/2	48	48	48	2.000	75.375
5121075	2	48	48	48	2.000	75.375
5121030	2-1/2	48	48	48	3.000	75.375
5121082	3	48	48	48	3.125	75.375
5121024	4	48	48	48	3.375	75.375
5121025	5	48	48	48	3.625	75.375
5121026	6	48	48	48	3.750	75.375

Dimensions are nominal

Schedule 80 90° Elbow 30" Radius Plain End

Part Number	Trade Size	"R"	"O"	"H"	"S" MIN	"L"
5121071	2	30	30	30	2.000	47.125
5121052	2-1/2	30	30	30	3.000	47.125
5136570	3	30	30	30	3.125	47.125
5136580	4	30	30	30	3.375	47.125

Dimensions are nominal

Schedule 80 90° Elbow 60" Radius Plain End

Part Number	Trade Size	"R"	"O"	"H"	"S" MIN	"L"
5121102	1-1/2	60	60	60	2.000	94.250
5121086	2	60	60	60	2.000	94.250
5136970	3	60	60	60	3.125	94.250
5121085	4	60	60	60	3.375	94.250
5121017	5	60	60	60	3.625	94.250
5121087	6	60	60	60	3.750	94.250

Dimensions are nominal

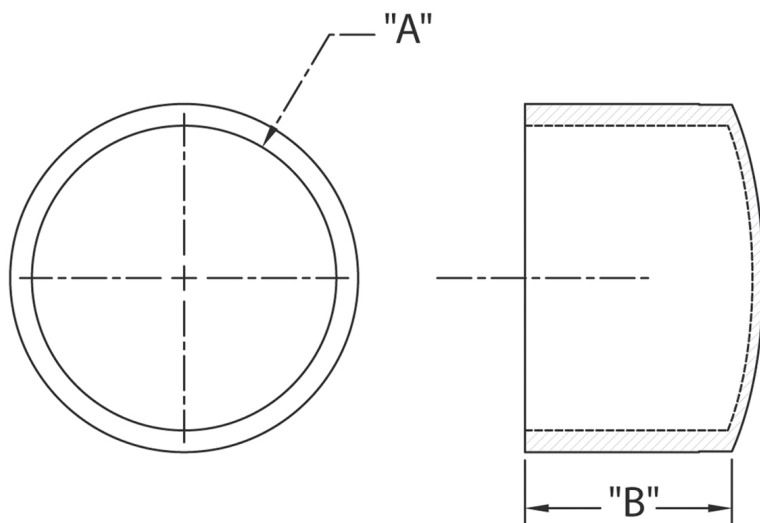
End Caps

End Caps are designed to cap off PVC conduit either temporarily or permanently using PVC solvent cement.

- Suitable for indoor or outdoor use
- Durable non-conductive PVC will not rust or corrode
- For use with Schedule 40 & 80 and EB & DB applications
- UL and CSA listed
- Made in USA

1/2" through 4" have dome top

5" and 6" have flat top



Meets NEMA TC3 Requirements
Made of Rigid PVC

Part Number	Trade Size	Carton Qty.	"A"	"B"
5140031	1/2	100	.875	.875
5140032	3/4	100	1.063	1.063
5140033	1	50	1.375	1.250
5140034	1-1/4	25	1.688	1.313
5140035	1-1/2	25	1.938	1.563
5140037	2	50	2.375	1.625
5140038	2-1/2	25	2.875	2.000
5140039	3	25	3.563	2.375
5140036	3-1/2	25	4.000	2.313
5140040	4	25	4.500	2.375
5140041	5	25	5.563	2.500
5140042	6	10	6.625	3.000

Dimensions are nominal



SINGLE SOURCE FOR PVC ELECTRICAL

CANTEX offers an all-inclusive line of Schedule 40 & Schedule 80 PVC electrical fittings and accessories. With several decades of experience manufacturing PVC fittings and accessories, you can trust CANTEX to provide quality products.

All of our PVC fittings are easy-to-install and offer non-conductivity, high impact, tensile strength, industry certifications, and resistance to a wide range of chemicals, acids, and salt. Our schedule 40 & 80 fittings and accessories connect seamlessly with other standard schedule 40 & 80 products making it easy to convert entire electrical infrastructures to PVC. See our full line of PVC electrical products at www.cantexinc.com.