

# PERIPHERAL COMPONENTS INDEX

GLOBAL STANDARD COMPONENTS

TM

# NAAMS



Assembly

04/30/09

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# STAIRS AND RAILINGS

The automotive industry follows the specifications for stairs and railings that have been issued by the Occupational Safety and Health Administration (OSHA). You may access the required OSHA website by clicking on the relevant hyperlink below.

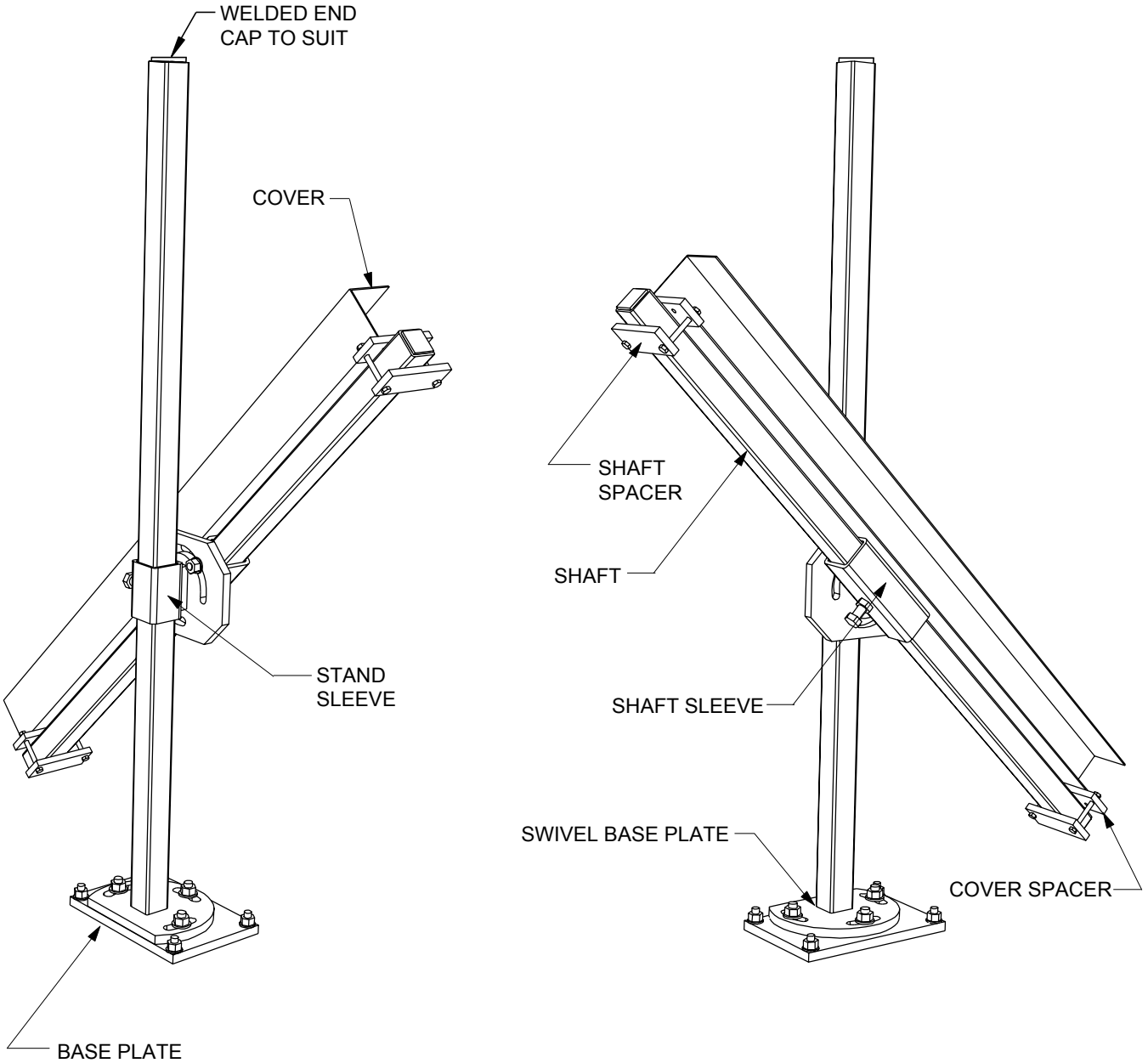
## **Railings (Guarding floor and wall openings and holes. - 1910.23)**

[http://www.osha.gov/pls/oshaweb/owadisp.show\\_document?p\\_table=STANDARDS&p\\_id=9715](http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9715)

## **Stairs (Fixed Industrial Stairs. - 29CFR)**

[http://www.osha.gov/pls/oshaweb/owadisp.show\\_document?p\\_table=STANDARDS&p\\_id=9716](http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9716)

# VERTICAL LIGHT SCREEN ASSEMBLY



C

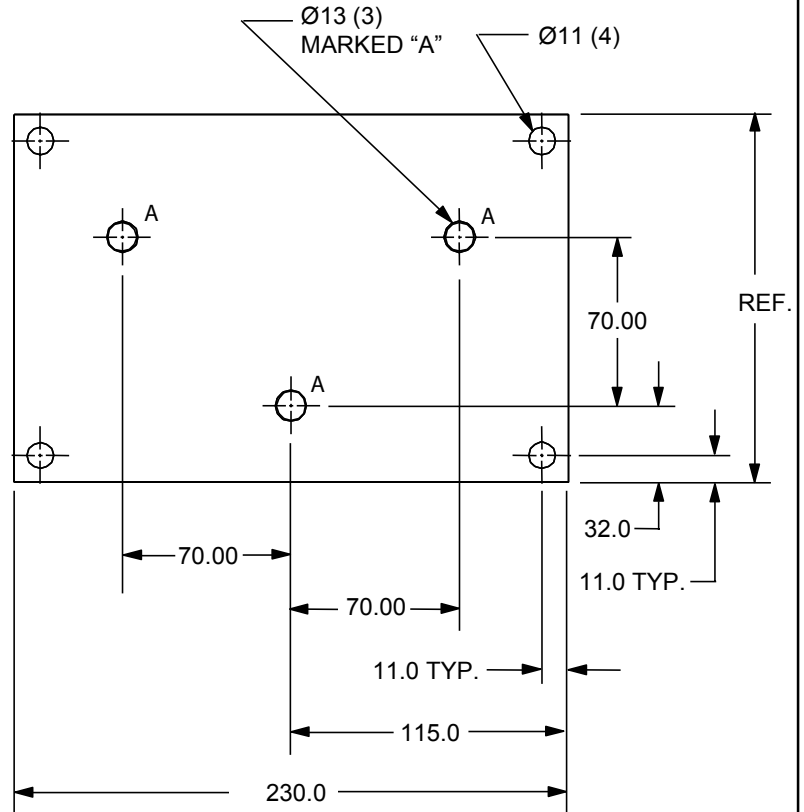
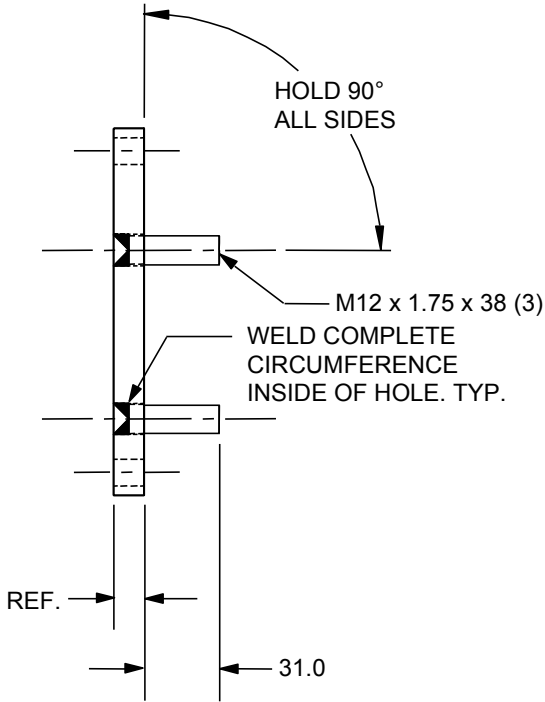
Adjustments may be tack welded after final set-up.

A

ASSEMBLY		BASE PLATE	SWIVEL BASE PLATE	STAND SLEEVE		SHAFT SLEEVE	COVER SPACER	SHAFT SPACER	SHAFT	COVER
SHOWN	OPPOSITE			SHOWN	OPPOSITE					
ALV100	ALV101	ALV110	ALV120	ALV130	ALV131	ALV140	ALV150 (2 Req.)	ALV160 (2 Req.)	ALV170	ALV180
ALV200	ALV201								ALV270	ALV280
ALV300	ALV301								ALV370	ALV380
ALV400	ALV401								ALV470	ALV480
ALV500	ALV501								ALV570	ALV580

B

# BASE PLATE ALV110



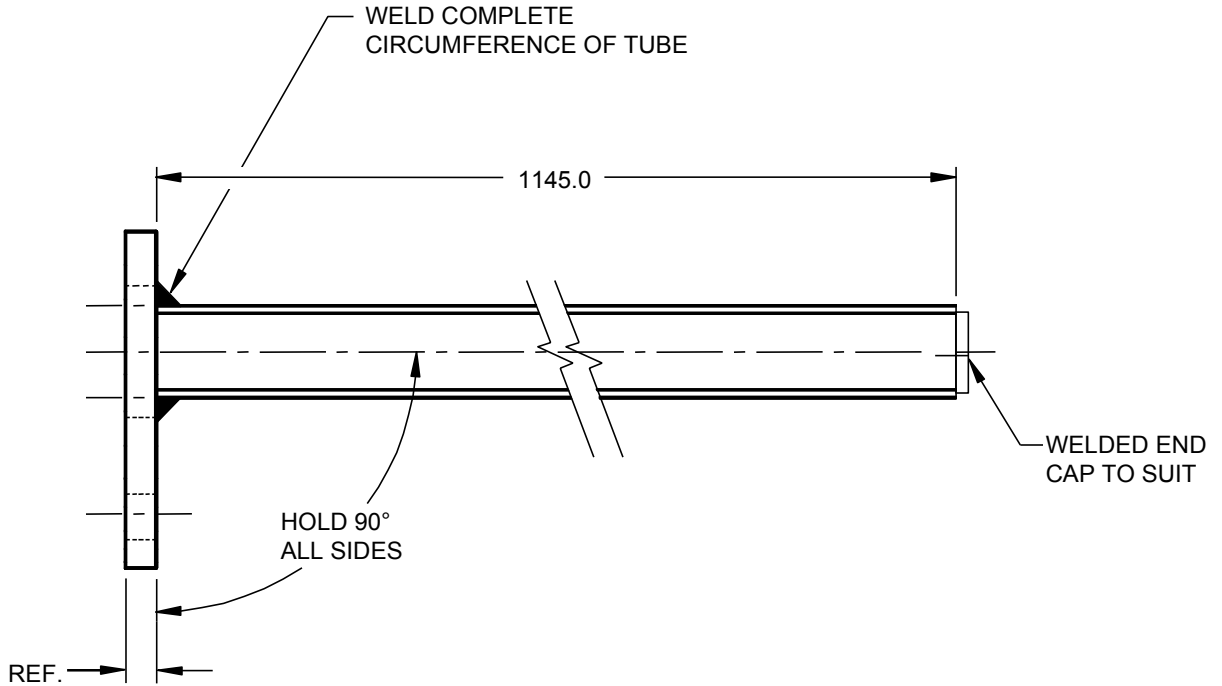
INCH STOCK  
 STL PLT ASTM A-36 1/2" X 6" X 230mm

METRIC STOCK  
 STL PLT ASTM A-36 12 X 150 X 230

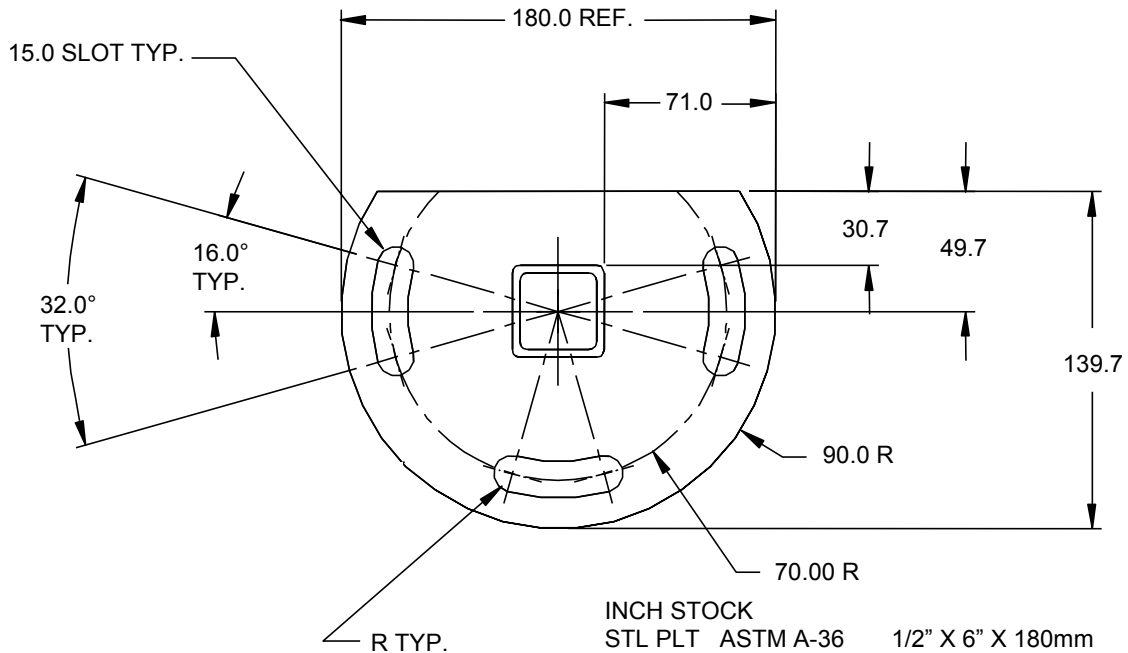
SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

A

# SWIVEL BASE PLATE ALV120



A



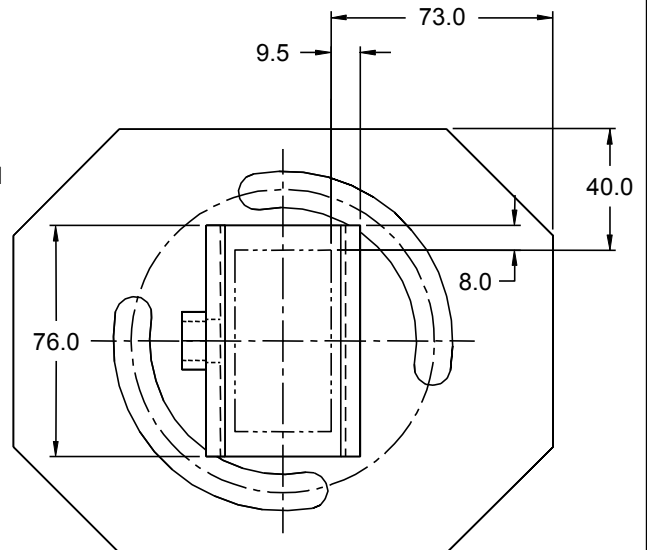
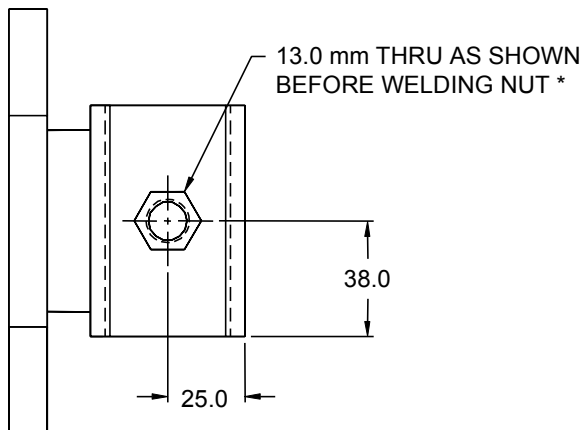
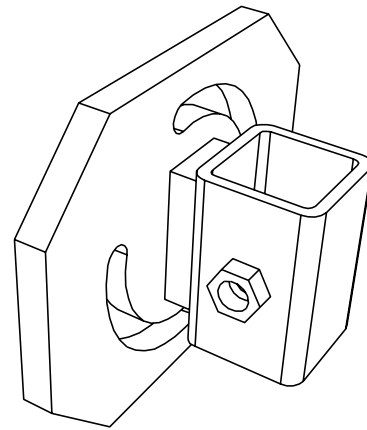
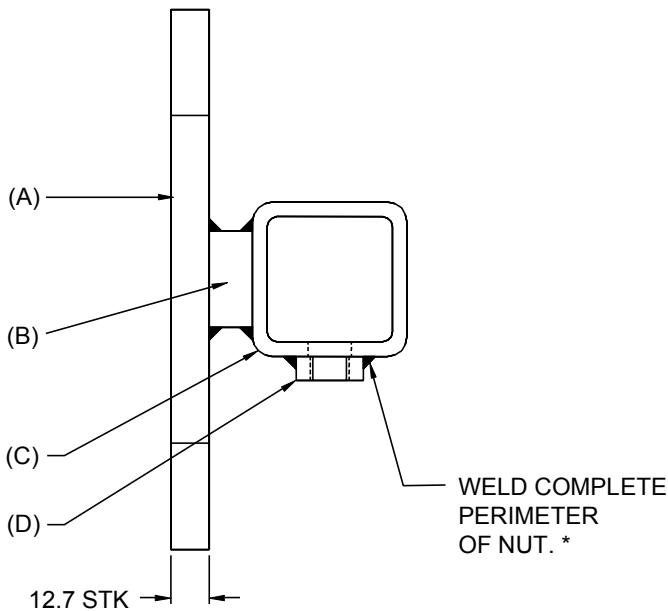
INCH STOCK		
STL PLT	ASTM A-36	1/2" X 6" X 180mm
STL TUBG	ASTM A-36	1 1/2" X 1 1/2" X 1/4" X 1145mm
METRIC STOCK		
STL PLT	ASTM A-36	12 X 150 X 180
STL TUBG	ASTM A-36	40 X 40 X 5 X 1145

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

B

# STAND SLEEVE ALV130 - ALV131

ALV130 SHOWN  
 ALV131 OPPOSITE



**INCH STOCK**

- (A) 1 - STL PLT ASTM A-36 1/2" X 7" X 140.0mm
- (B) 1 - STL PLT ASTM A-36 5/8" X 1 1/4" X 60.0mm
- (C) 1 - STL TUBG ASTM A-36 2" X 2" X 3/16" X 76.0mm
- (D) 1 - F421218 HEX NUT

**METRIC STOCK**

- (A) 1 - STL PLT ASTM A-36 12 X 140.0 X 178.0
- (B) 1 - STL PLT ASTM A-36 15 X 30 X 60.0
- (C) 1 - STL TUBG ASTM A-36 50 X 50 X 4 X 76.0
- (D) 1 - F421218 HEX NUT

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

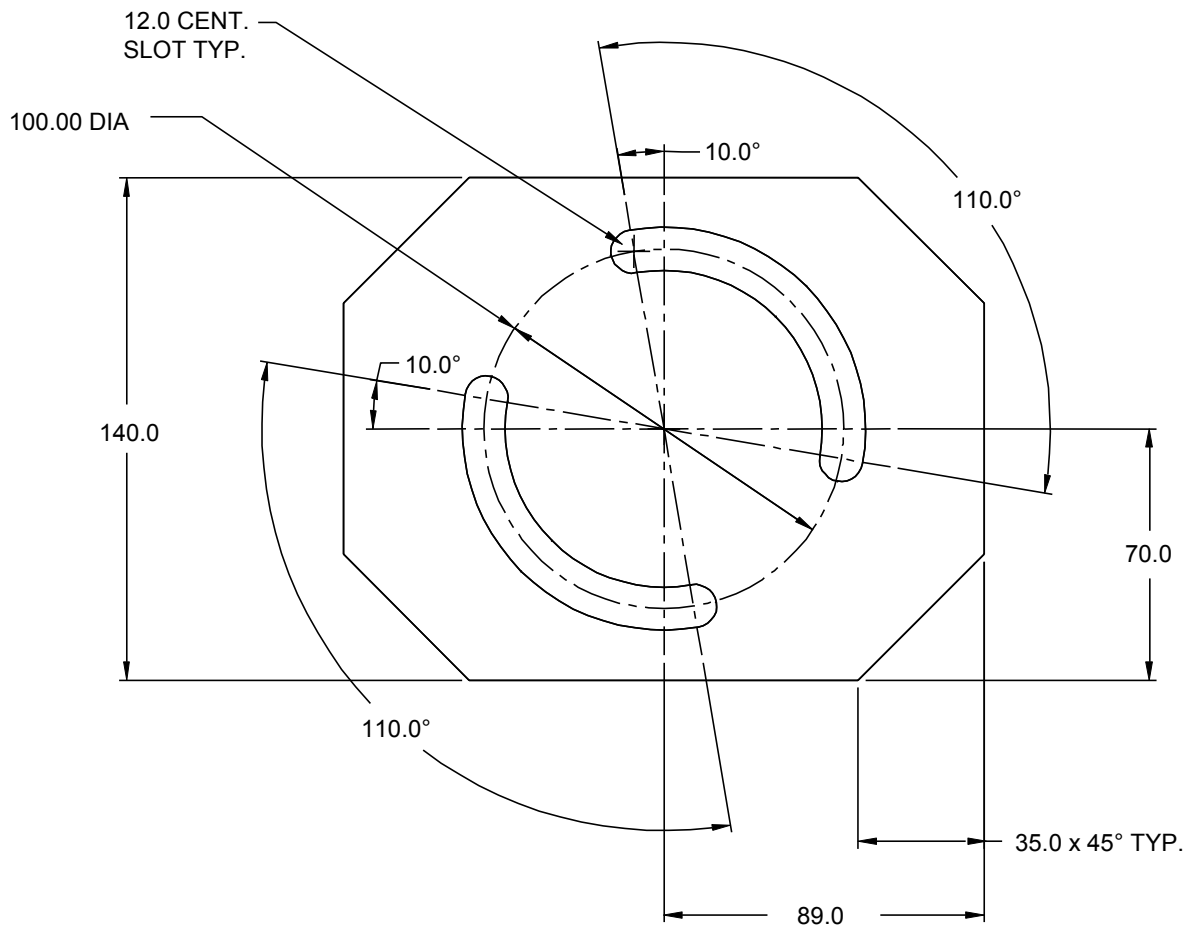
\* LOCATE HOLE, NUT & WELD SEAM ON SAME SIDE OF TUBING

SEE NEXT PAGE FOR PLATE DETAIL

A  
 D  
 E  
 F  
 B  
 C

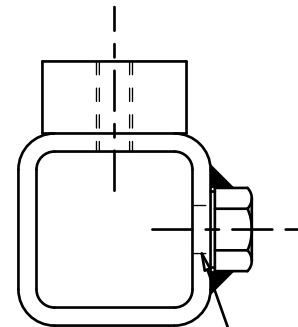
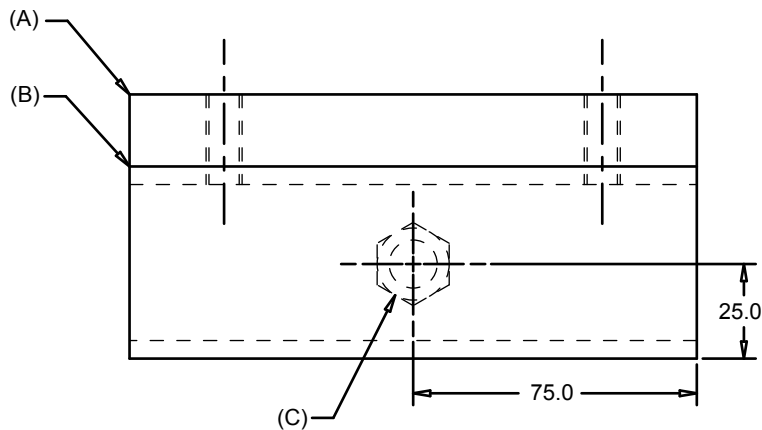
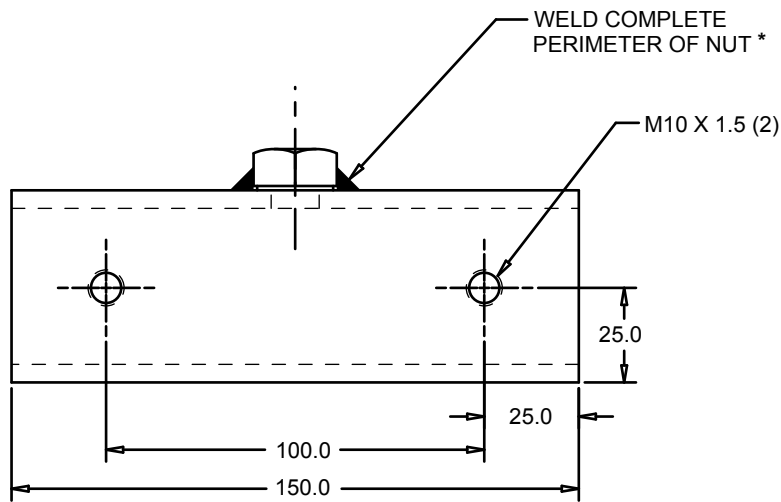
# STAND SLEEVE (PLATE DETAIL) ALV130 - ALV131

A  
C  
D  
E  
B  
F



ITEM A ON PRECEEDING PAGE

# SHAFT SLEEVE ALV140



Ø13.0 THRU AS SHOWN  
BEFORE WELDING NUT \*

**INCH STOCK**

- (A) 1 - STL PLT ASTM A-36 3/4" X 1 1/2" X 150mm
- (B) 1 - STL TUBG ASTM A-36 2" X 2" X 3/16" X 150mm
- (C) 1 - F421218 HEX NUT

**METRIC STOCK**

- (A) 1 - STL PLT ASTM A-36 20 X 40 X 150
- (B) 1 - STL TUBG ASTM A-36 50 X 50 X 4 X 150
- (C) 1 - F421218 HEX NUT

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

\* LOCATE HOLE, NUT & WELD SEAM ON SAME SIDE OF TUBING

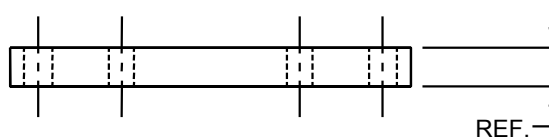
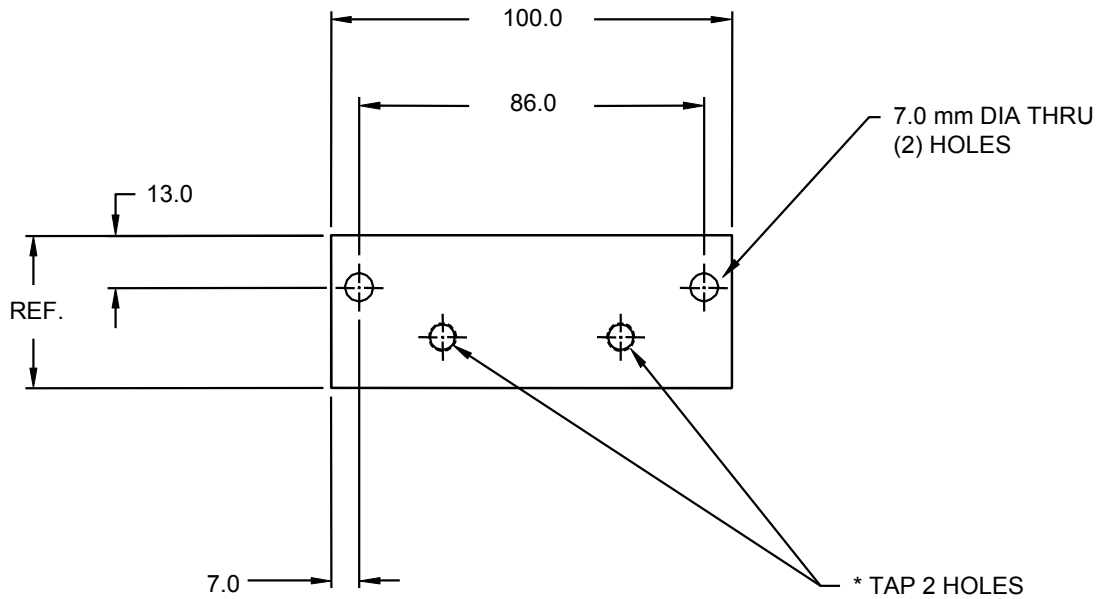
**A**

**B**

**C**



# COVER SPACER ALV150



INCH STOCK  
STL PLT ASTM A-36 3/8" X 1 1/2" X 100mm

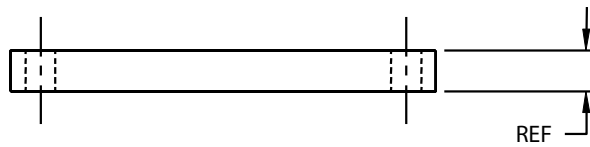
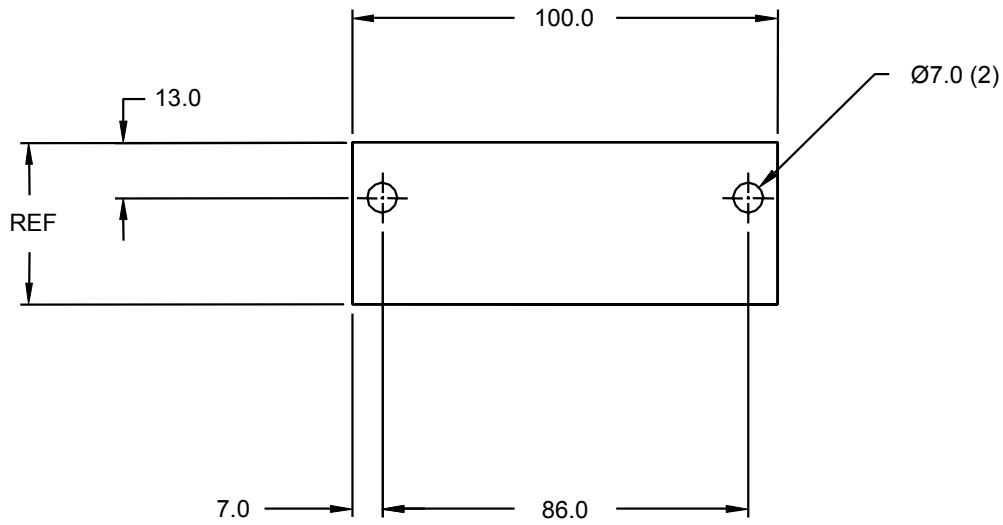
METRIC STOCK  
STL PLT ASTM A-36 10 X 40 X 100

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

\* TAPPED HOLE DIMENSION AND SIZES FOR LIGHT SCREEN  
ATTACHMENT WILL BE CONTINGENT ON THE LIGHT SCREEN MOUNTING OPTION.

A

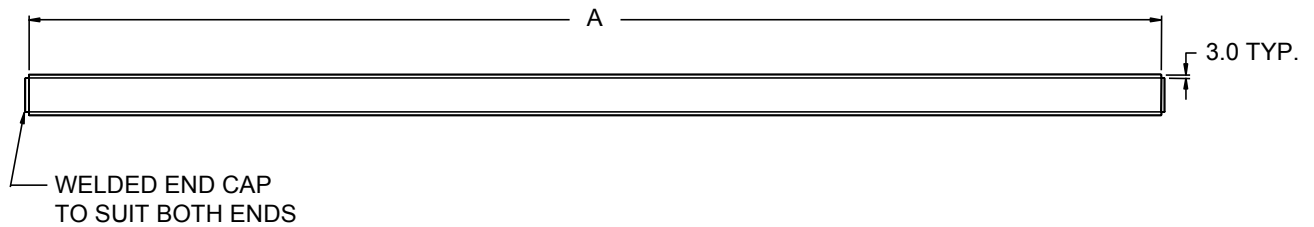
# COVER SPACER ALV160



INCH STOCK  
2 - STL PLT ASTM A-36 3/8" X 1 1/2" X 100mm  
METRIC STOCK  
2 - STL PLT ASTM A-36 10 X 40 X 100  
SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

A

# SHAFT ALV170 - 570



INCH STOCK  
 STL TUBG ASTM-500 GRADE B 1 1/2" X 1 1/2" X 1/4" X 'A' DIM

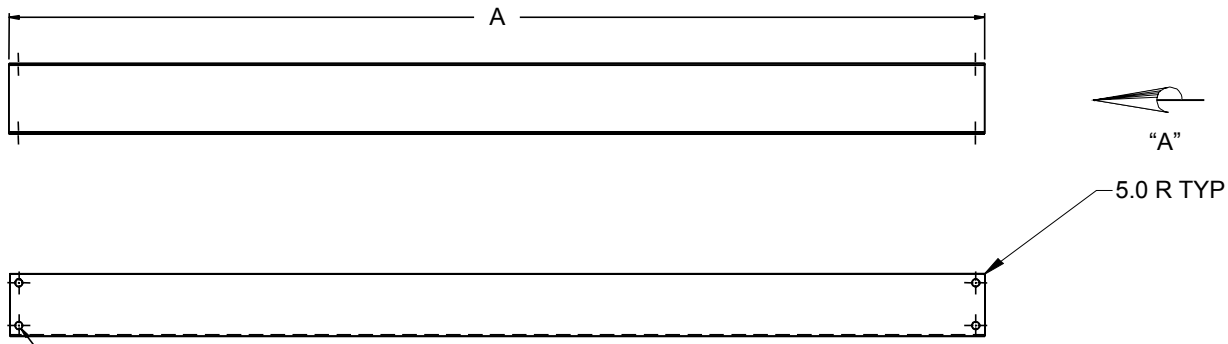
METRIC STOCK  
 STL TUBG ASTM-500 GRADE B 40 X 40 X 5 X 'A' DIM

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

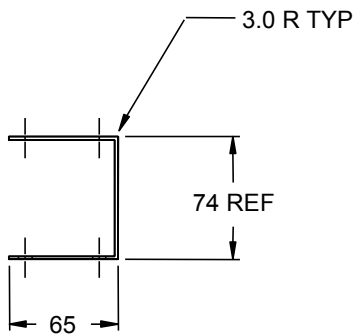
NAAMS CODE	LIGHT SCREEN LENGTH	A MM
ALV170	24"	711.0
ALV270	36"	1016.0
ALV370	48"	1321.0
ALV470	60"	1626.0
ALV570	72"	1930.0

**A**

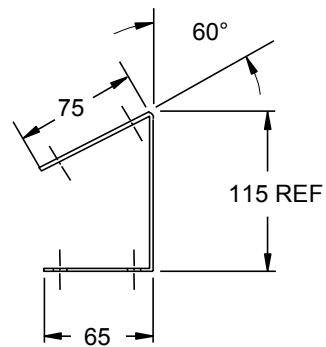
# COVER



(\*) CLEARANCE HOLES FOR ALLEN WRENCH ACCESS  
 (2) HOLES ~ (2) PLACES LOCATE AT ASSEMBLY ~ FAR SIDE CLEARANCE HOLES  
 (2) HOLES ~ (2) PLACES LOCATE AT ASSEMBLY ~ NEAR SIDE CLEARANCE HOLES



ALV180 - ALV580  
 14 GA X 200 mm X A HRS



ALH180 - ALH580  
 14 GA X 250 mm X A HRS

VIEW IN DIRECTION "A"

\* NOTE: DIMENSIONS AND SIZES FOR CLEARANCE HOLES WILL BE CONTINGENT ON THE LIGHT SCREEN MOUNTING OPTIONS.

NAAMS CODE		LIGHT SCREEN LENGTH	A
ALV180	ALH180	24"	711.0
ALV280	ALH280	36"	1016.0
ALV380	ALH380	48"	1321.0
ALV480	ALH480	60"	1626.0
ALV580	ALH580	72"	1930.0

B

A

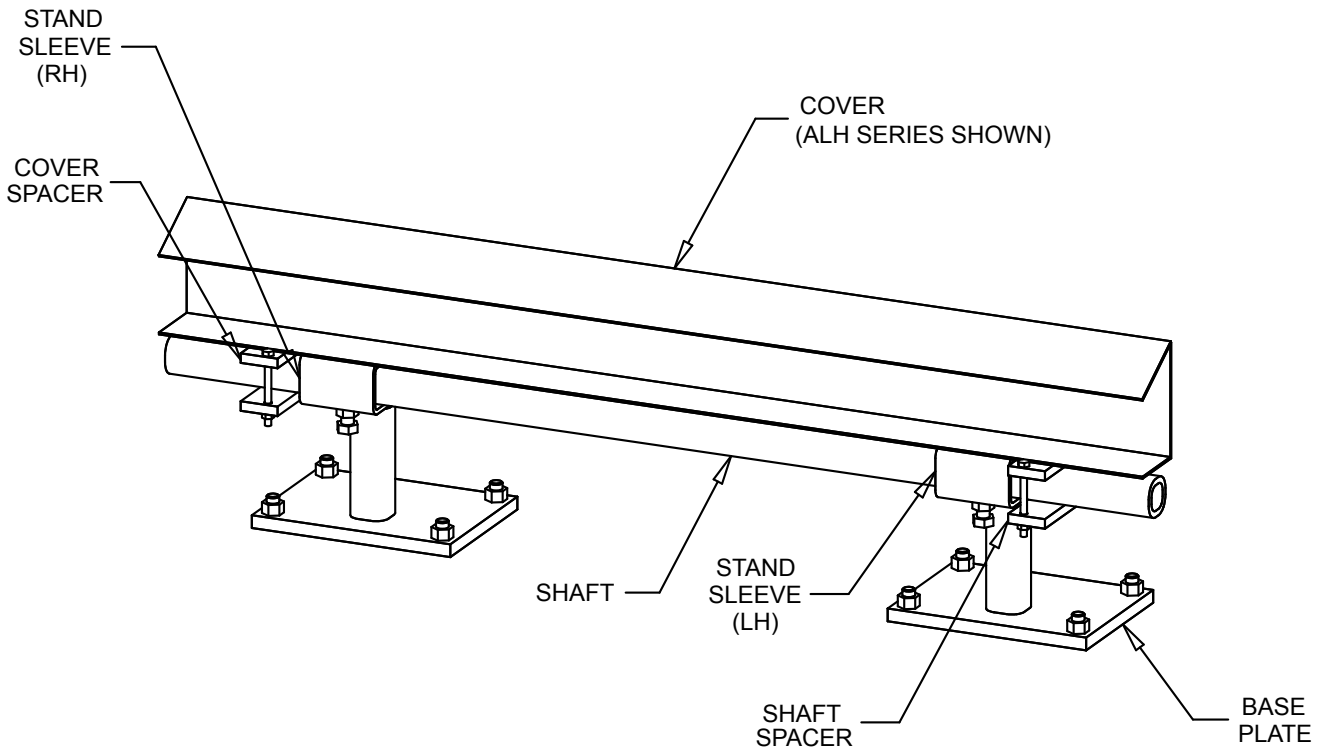
# HORIZONTAL LIGHT SCREEN ASSEMBLY

GLOBAL STANDARD COMPONENTS



Assembly

02/06/08

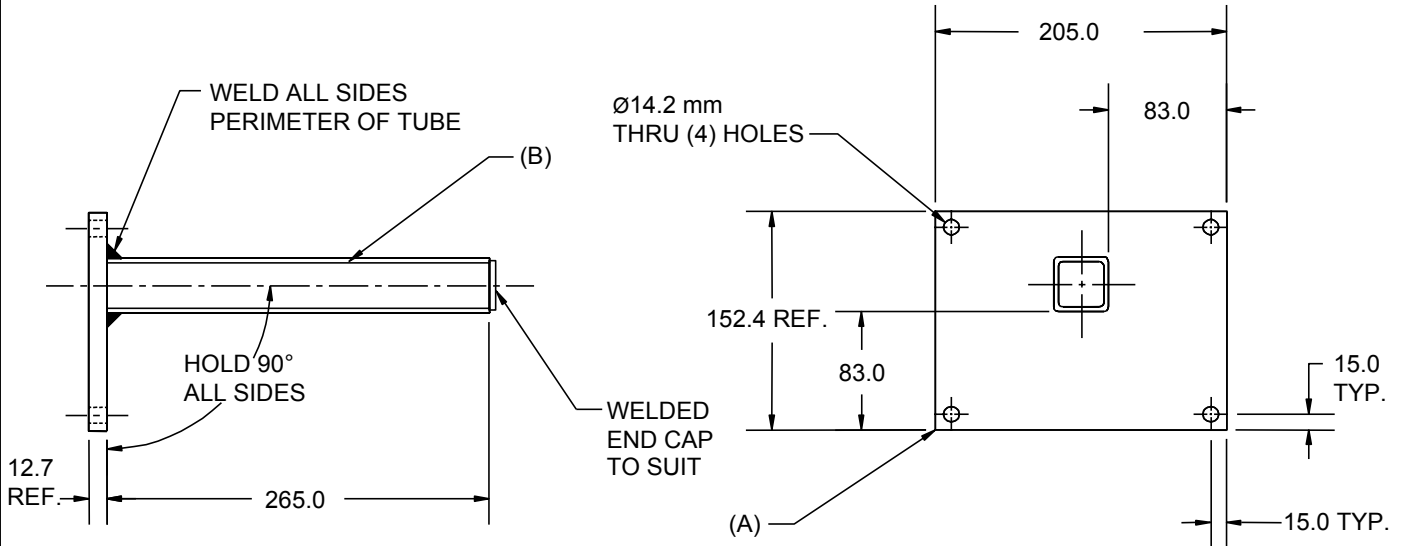


B  
A

ASSEMBLY	BASE PLATE	STAND SLEEVE (R. H.)	STAND SLEEVE (L. H.)	COVER SPACER*	SHAFT SPACER*	SHAFT*	COVER	
ALH100	ALH110	ALH120	ALH130	ALV150 (2 Req.)	ALV160 (2 Req.)	ALV170	ALV180*	ALH180
ALH200						ALV270	ALV280*	ALH280
ALH300						ALV370	ALV380*	ALH380
ALH400						ALV470	ALV480*	ALH480
ALH500						ALV570	ALV580*	ALH580

\* ALSO USED ON VERTICAL SCREEN ALV100 - ALV500

# BASE PLATE ALH110



- INCH STOCK  
 (A) 1 - STL PLT ASTM A-36 1/2" X 6" X 205mm  
 (B) 1 - STL TUBG ASTM-500 GRADE B 1 1/2" X 1 1/2" X 1/4" X 265mm
- METRIC STOCK  
 (A) 1 - STL PLT ASTM A-36 12 X 152.4 X 205  
 (B) 1 - STL TUBG ASTM-500 GRADE B 40 X 40 X 5 X 265

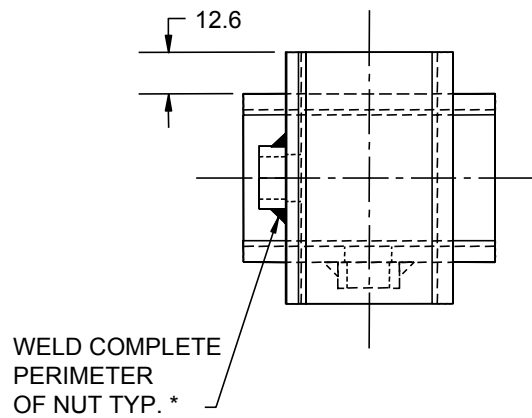
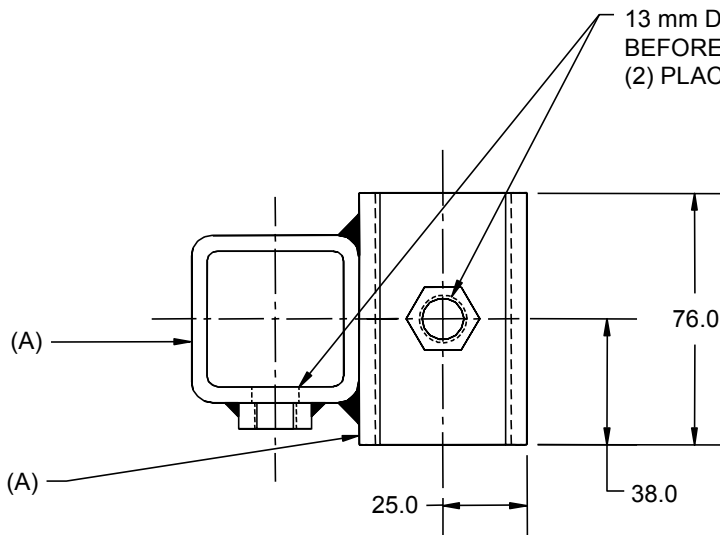
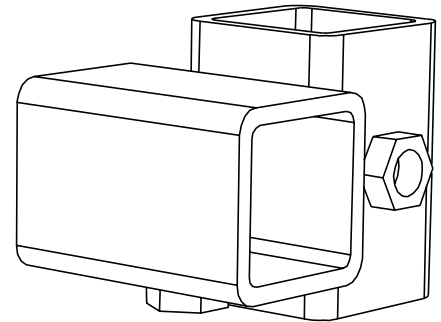
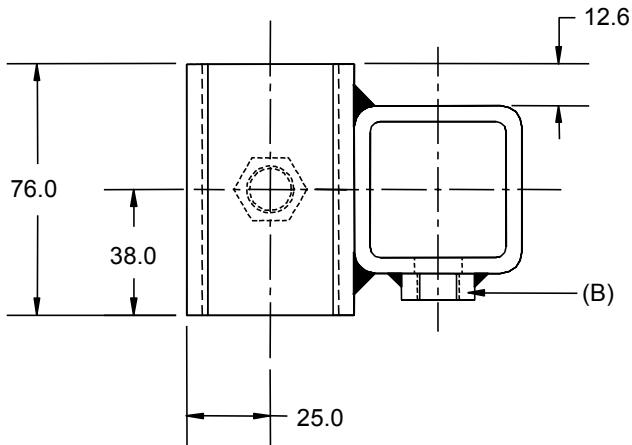
SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

**A**

**B**

**C**

# STAND SLEEVE (R.H.) ALH120



INCH STOCK  
 (A) 2 - STL TUBG ASTM-500 GRADE B 2" X 2" X 3/16" X 76.0mm  
 (B) 1 - F421218 HEX NUT

METRIC STOCK  
 (A) 2 - STL TUBG ASTM-500 GRADE B 50 X 50 X 4 X 76.0  
 (B) 1 - F421218 HEX NUT

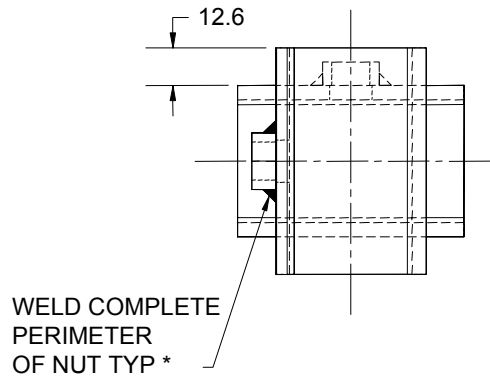
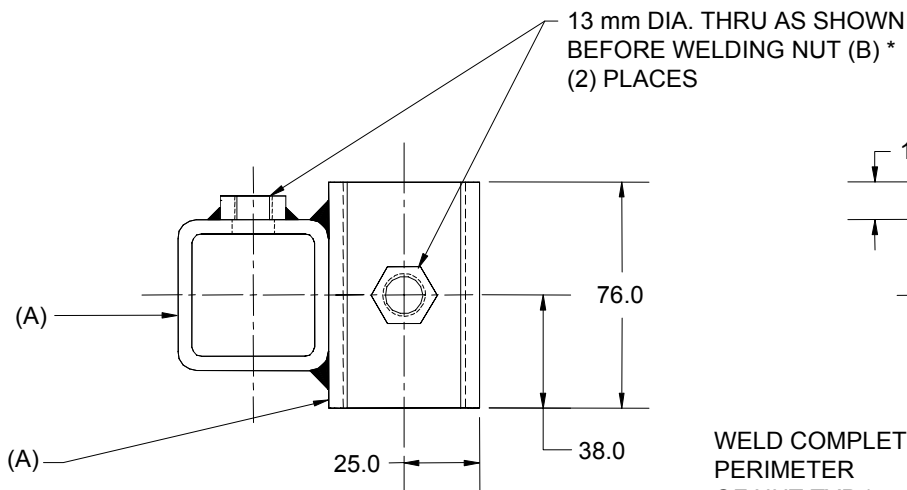
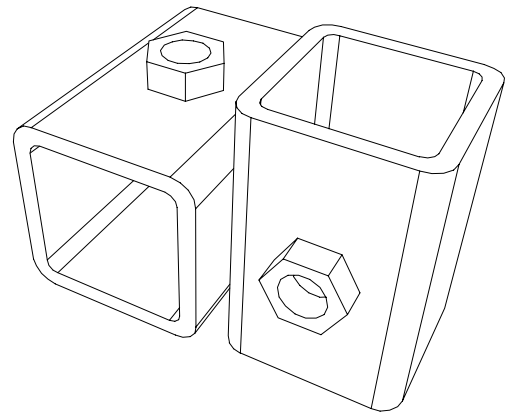
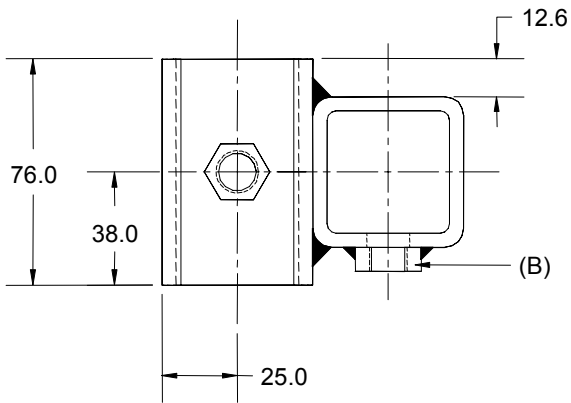
SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

\* LOCATE HOLE, NUT & WELD SEAM ON SAME SIDE OF TUBING

**A**

**B**

# STAND SLEEVE (L.H.) ALH130



INCH STOCK  
 (A) 2 - STL TUBG ASTM-500 GRADE B 2" X 2" X 3/16" X 76.0mm  
 (B) 1 - F421218 HEX NUT

METRIC STOCK  
 (A) 2 - STL TUBG ASTM-500 GRADE B 50 X 50 X 4 X 76.0  
 (B) 1 - F421218 HEX NUT

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

\* LOCATE HOLE, NUT & WELD SEAM ON SAME SIDE OF TUBING

A

B



# PALM BUTTOM STAND BASE

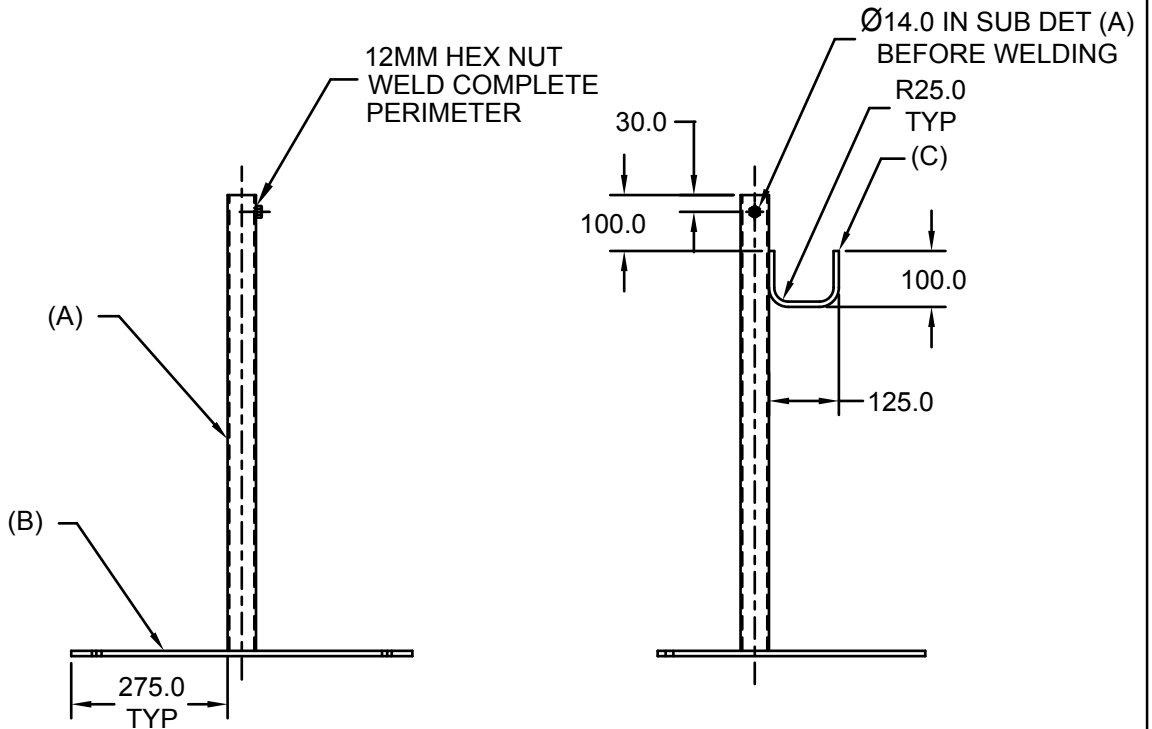
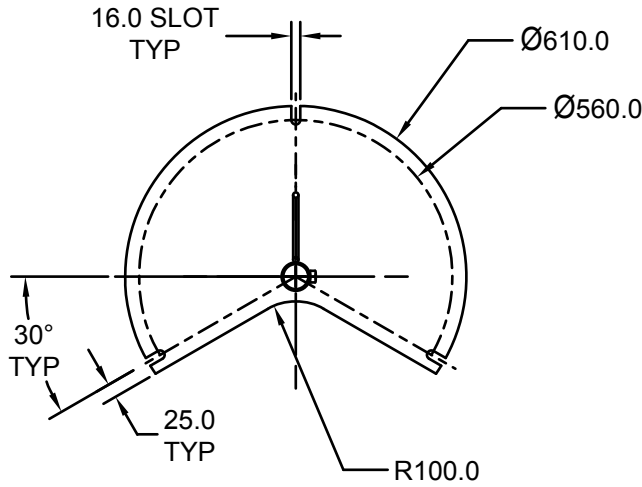
GLOBAL STANDARD COMPONENTS



Assembly

10/29/08

## APB001



**WELDMENT**

**INCH STOCK**

- (A) 1 - BLACK PIPE SCHEDULE 40 - 2" NOM X 815.0mm
- (B) 1 - STL PLATE 3/8" X 610.0mm X 460.0mm
- (C) 1 - SAE 1020 HRS 3/8" DIA X 285.0mm

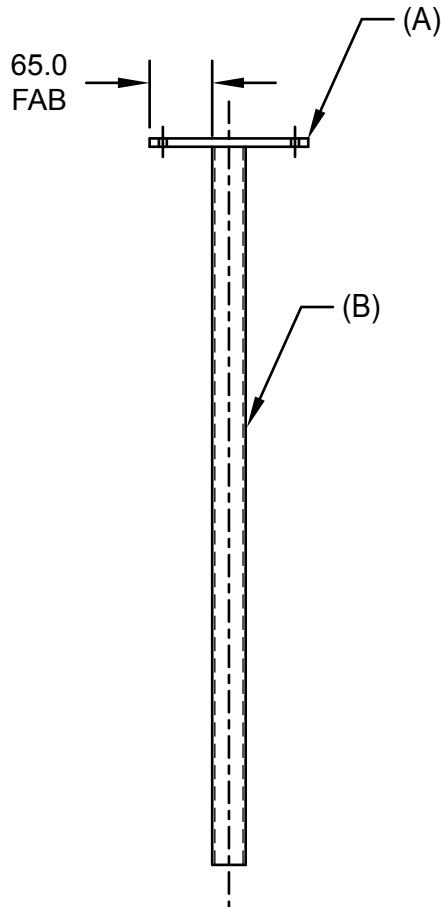
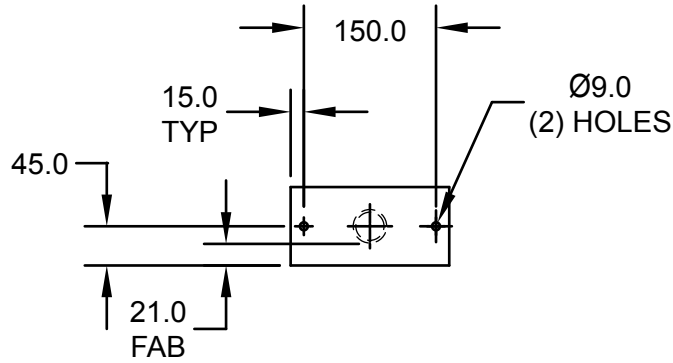
**METRIC STOCK**

- (A) 1 - BLACK PIPE SCHEDULE 40 - 2" NOM X 815.0
- (B) 1 - STL PLATE 10 X 610.0mm X 460.0mm
- (C) 1 - SAE 1020 HRS 10 DIA X 285.0mm

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

# PALM BUTTOM STAND EXTENSION

## APB002



### WELDMENT

#### INCH STOCK

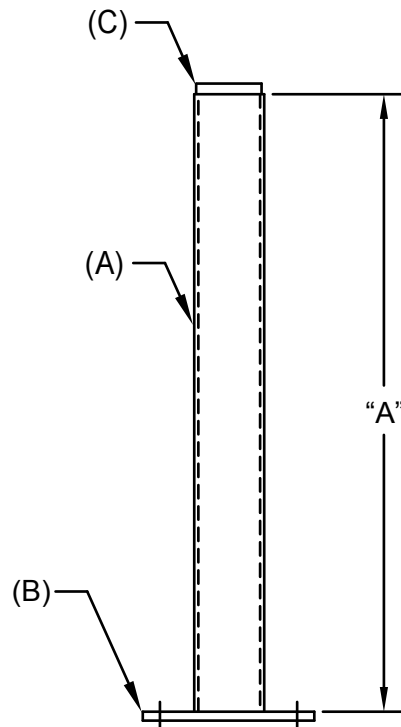
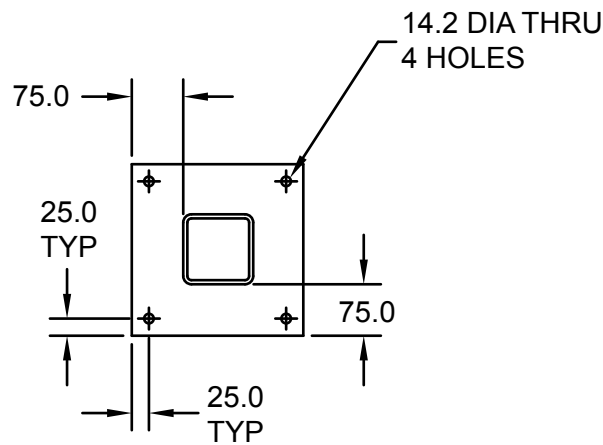
(A) 1 - SAE 1020 HRS 3/8" X 3 1/2" X 180.0mm  
 (B) 1 - BLACK PIPE SCHEDULE 40 - 1 1/2" NOM X 550.0mm

#### METRIC STOCK

(A) 1 - SAE 1020 HRS 10 X 90 X 180.0  
 (B) 1 - BLACK PIPE SCHEDULE 40 - 1 1/2" NOM X 550.0mm

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

# TIP DRESSER STAND



NAAMS CODE	"A"
ATD060	600
ATD090	900
ATD120	1200
ATD180	1800

**WELDMENT**

**INCH STOCK**

- |                                      |                          |
|--------------------------------------|--------------------------|
| (A) 1 - ASTM A-500 S GRADE B STL TBG | 4" X 4" X 1/4 W/T X "A"  |
| (B) 1 - ASTM A-36 STL PLT            | 1/2" X 250.0MM X 250.0MM |
| (C) 1 - ASTM A-36 STL PLT            | 1/8" X 95.0MM X 95.0MM   |

NOTE:  
VENT TO SUIT

**METRIC STOCK**

- |                                      |                           |
|--------------------------------------|---------------------------|
| (A) 1 - ASTM A-500 S GRADE B STL TBG | 100MM X 100MM X 6MM X "A" |
| (B) 1 - ASTM A-36 STL PLT            | 13MM X 250.0MM X 250.0MM  |
| (C) 1 - ASTM A-36 STL PLT            | 3MM X 95.0MM X 95.0MM     |

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART