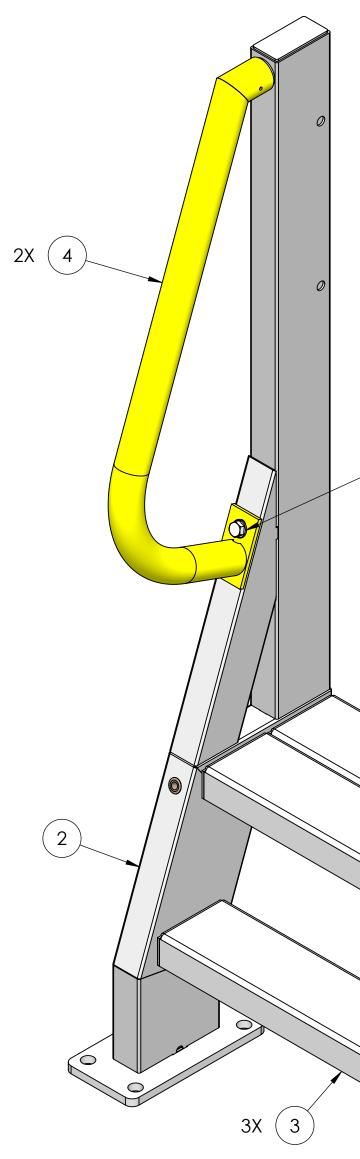
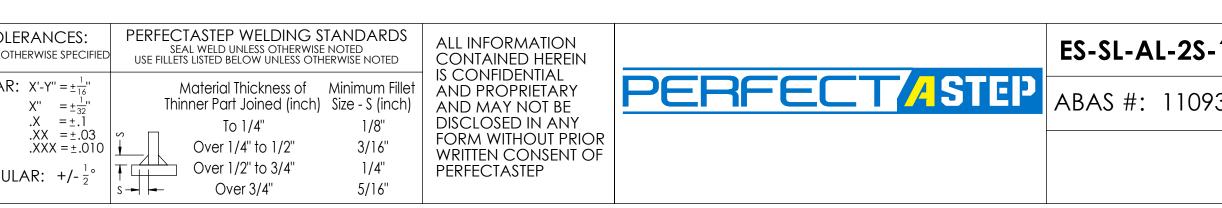
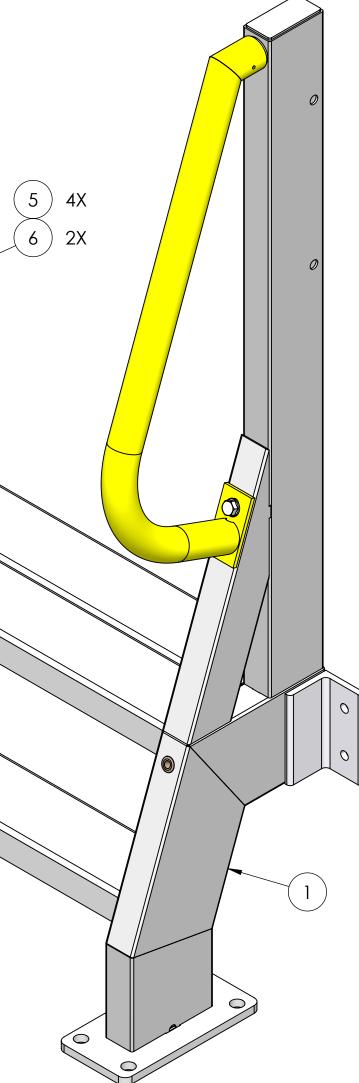
| HAN | LOADS WEIGHT(LBS) IDRAIL 200 DDER 300 | | | | | | |
|----------|---|--|--|----------|-----|-----------------|----------------------|
| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | |
| | | | | | | DO NOT SCALE | TOLER UNLESS OTHE |
| | | | | | | | LINEAR: |
| Α | UPDATED PER DD-23-0011 | | | 11/29/23 | ESC | | |
| # | DESCRIPTION | | | DATE | BY | THIRD ANGLE | ANGULA |
| <u>.</u> | · | | | | | | |

| 7 | 24 | RIVET - 1/4"x1/2" GRIP AL | 11143 |
|---|----|--|-------|
| 8 | 2 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 |
| | | Bring Order 7a Ezze | |
| | V | vw.Cannon,IIc. | |
| | | Design. Layout. Build. Install. | |
| | | 1-800-442-3061 www.wwcannon.com | |
| | 7 | 2 2 2 2 2 2 probuind | |

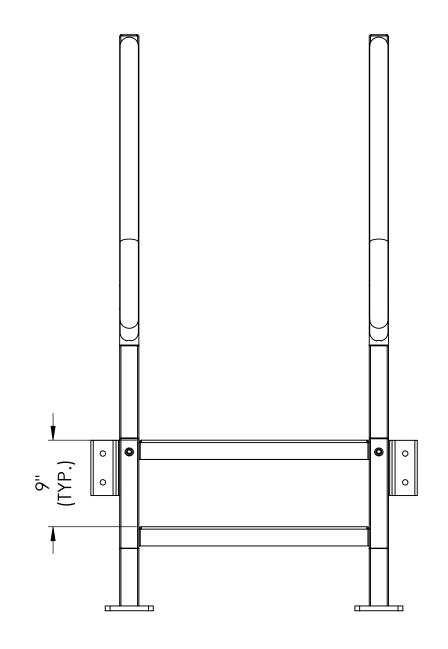
| | BOM Table | | | | |
|---------------|-----------|--|--------|--|--|
| MINOR MARK | QTY | PartName | ABAS | | |
| 1 | 1 | es-sl-al-2s-18tow-ladder-rh-w | 169225 | | |
| 2 | 1 | es-sl-al-2s-18tow-ladder-lh-w | 110911 | | |
| 3 | 3 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | | |
| 4 | 2 | es-sl-al-2s-18tow-handrail-w | 110840 | | |
| 5 | 4 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | | |
| 6 | 2 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | | |
| 7 | 24 | RIVET - 1/4"x1/2" GRIP AL | 11143 | | |
| 8 | 2 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | | |



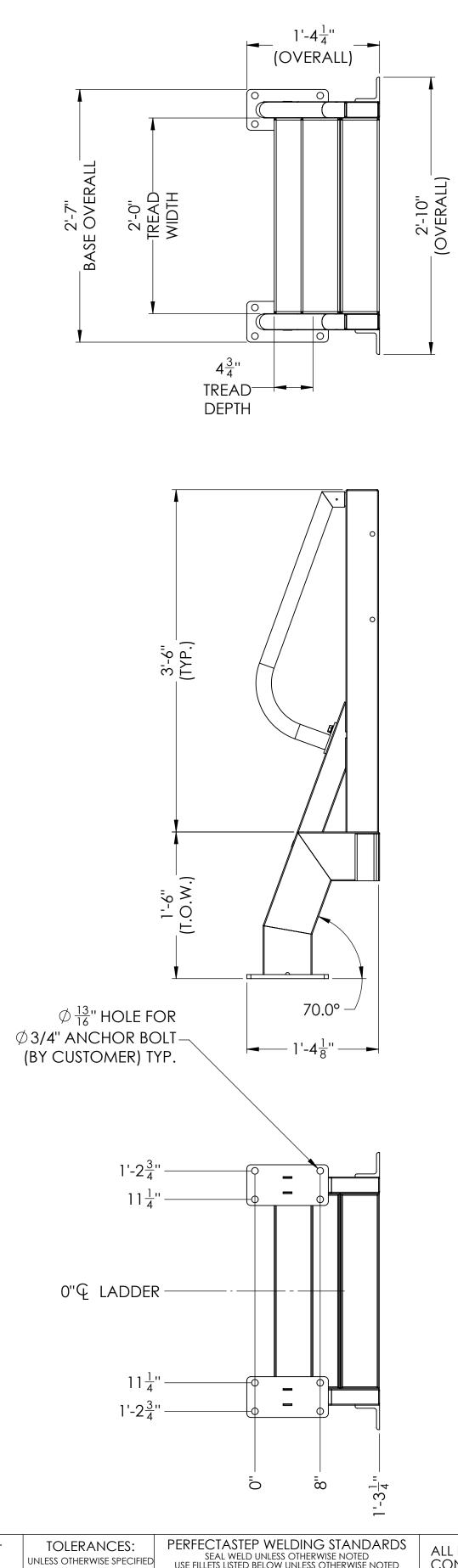




| S-18TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|---------------|
| | | | 1 OF 2 |
| 935 | FINISH: | PER BOM | SCALE: 1:5 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |

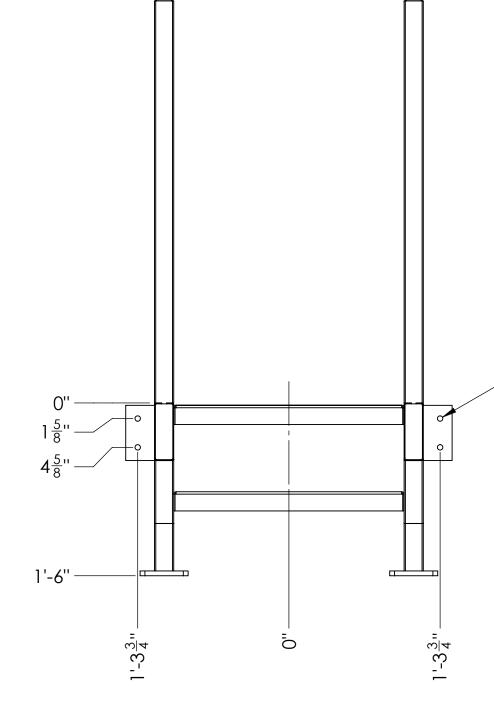


| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | ∞ O | 1'-3 ¹ " — |
|-----|---|----------|-----|-----------------|---|---|--|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING S SEAL WELD UNLESS OTHERWISE USE FILLETS LISTED BELOW UNLESS OTH | E NOTED |
| | | | | | LINEAR: X'-Y'' = $\pm \frac{1}{16}$ '' X'' = $\pm \frac{1}{32}$ ''' .X = $\pm .1$ | Material Thickness of Thinner Part Joined (inch) To 1/4" | Minimum Fillet Size - S (inch) 1/8'' |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX = ±.03 .XXX = ±.010 | Over 1/4" to 1/2" | 3/16" |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Image: Contract of the second seco | 1/4" 5/16" |



ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY FORM WITHOUT PRIOR WRITTEN CONSENT OF PERFECTASTEP



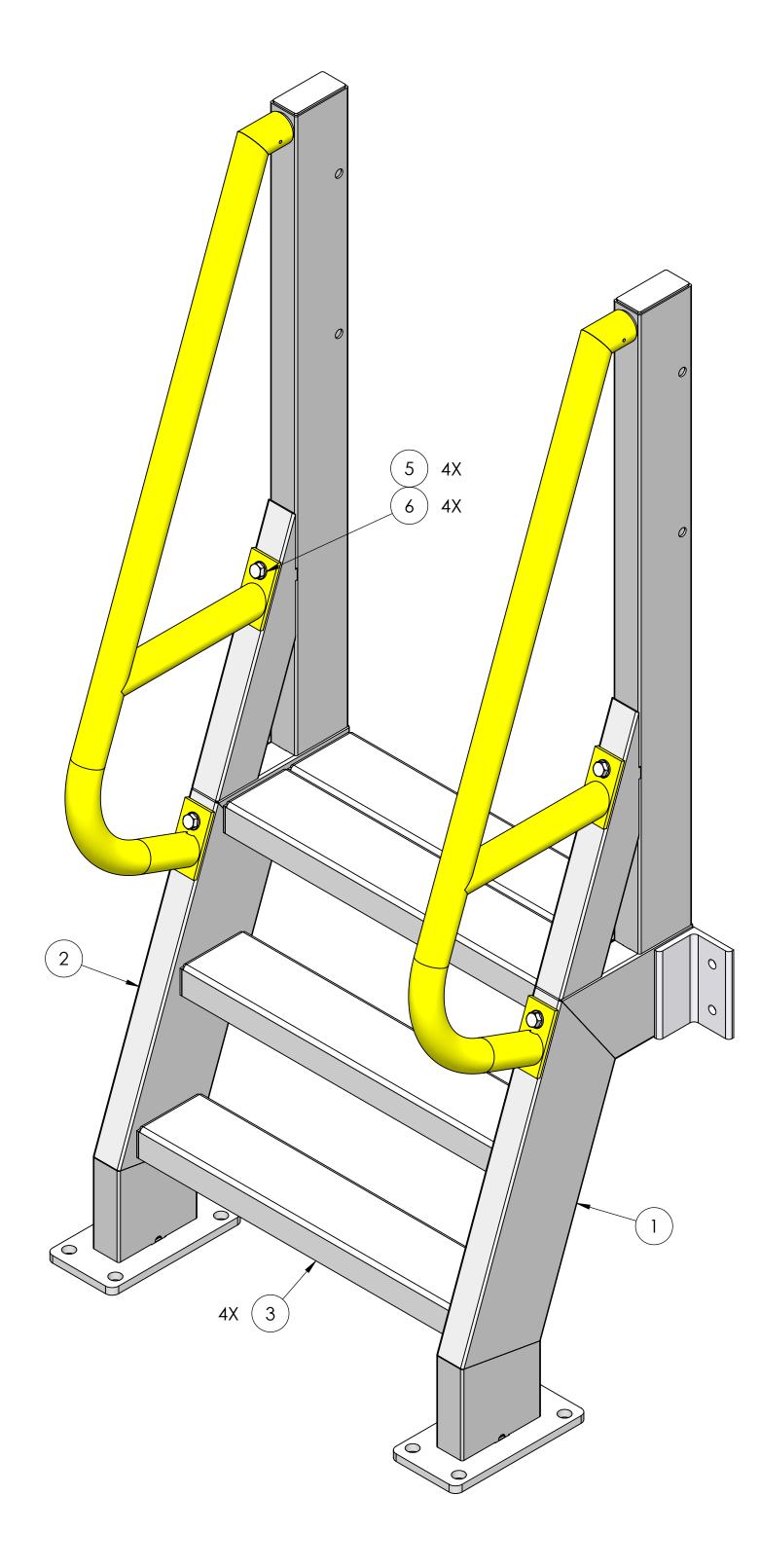


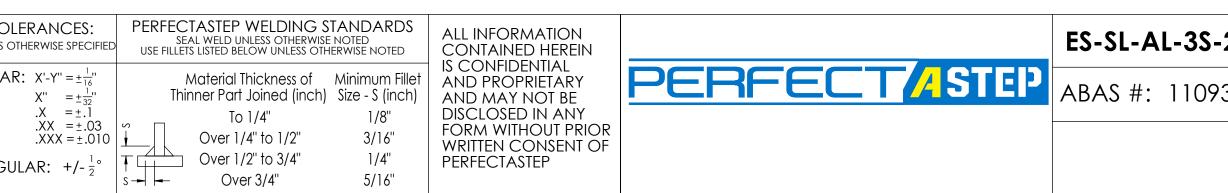
| S-18TOW-LADDER-A | | | | SHEE | T: |
|------------------|---------|--------|---------|--------------|----|
| | | | | 2 OF | 2 |
| 0935 | FINISH: | F | PER BOM | SCAL 1:10 | |
| | DETAIL: | ENG: | | SIZE: | D |
| | CHECK: | DRAFT: | | REV: | A |

| BOM Table | | | | |
|---------------|-----|--|--------|--|
| MINOR MARK | QTY | PartName | ABAS | |
| 1 | 1 | es-sl-al-3s-27tow-ladder-rh-w | 169226 | |
| 2 | 1 | es-sl-al-3s-27tow-ladder-lh-w | 110912 | |
| 3 | 4 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | |
| 4 | 2 | es-sl-al-3s-27-36tow-handrail-w | 110841 | |
| 5 | 4 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | |
| 6 | 4 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | |
| 7 | 32 | RIVET - 1/4"x1/2" GRIP AL | 11143 | |
| 8 | 3 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | |

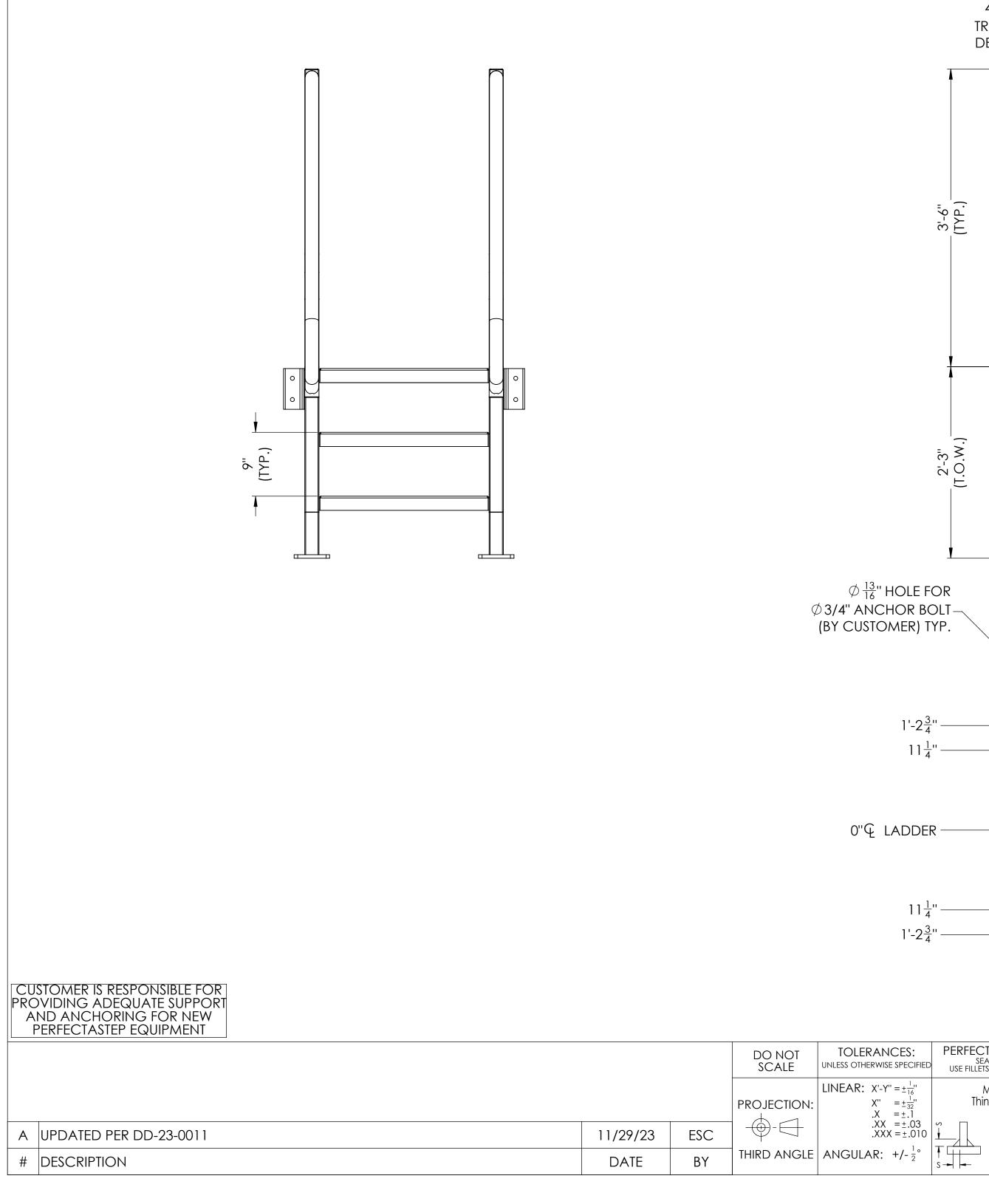
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

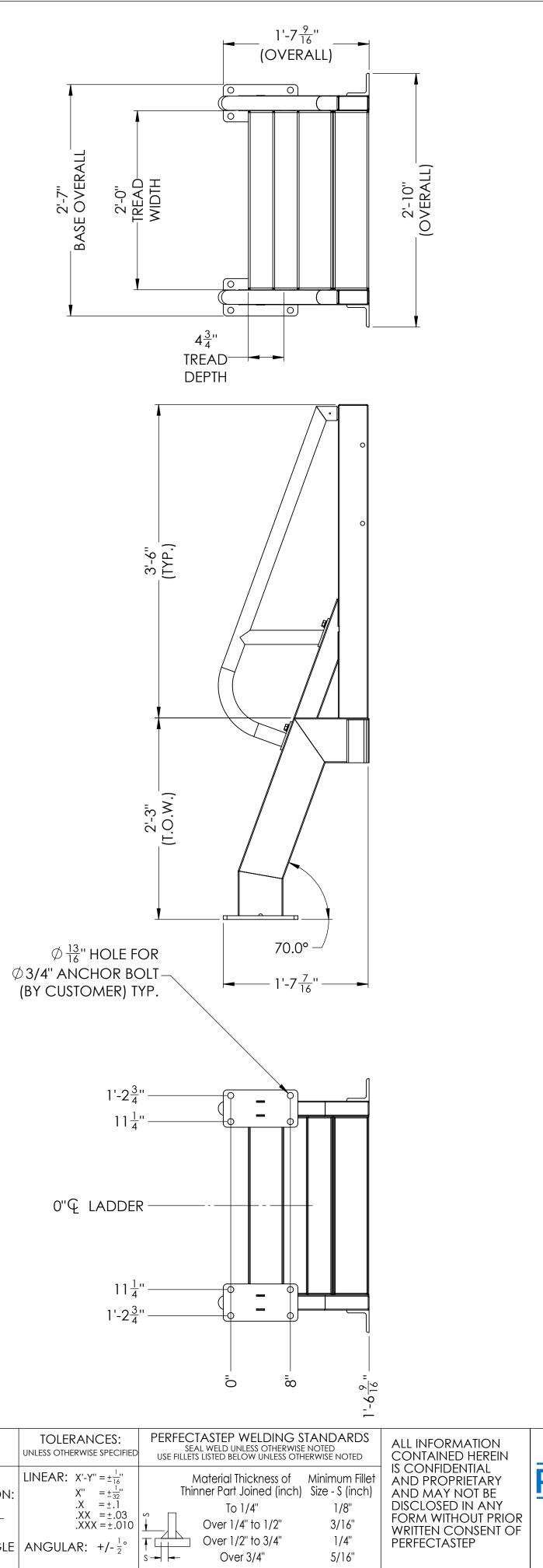
| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|--------------------|
| | | | | DO NOT SCALE | TOLE UNLESS OTH |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |





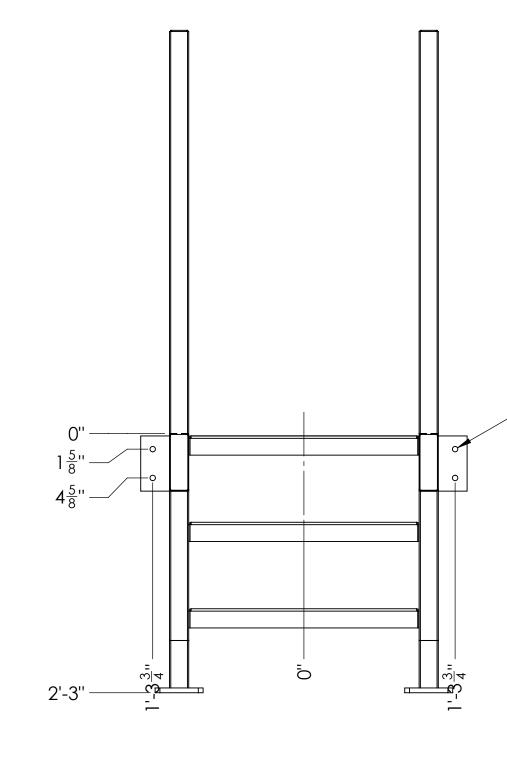
| S-27TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|---------------|
| 5-2/IOW-LADDER-A | | | 1 OF 2 |
| 936 | FINISH: | PER BOM | SCALE: 1:5 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |





5/16"

Over 3/4"



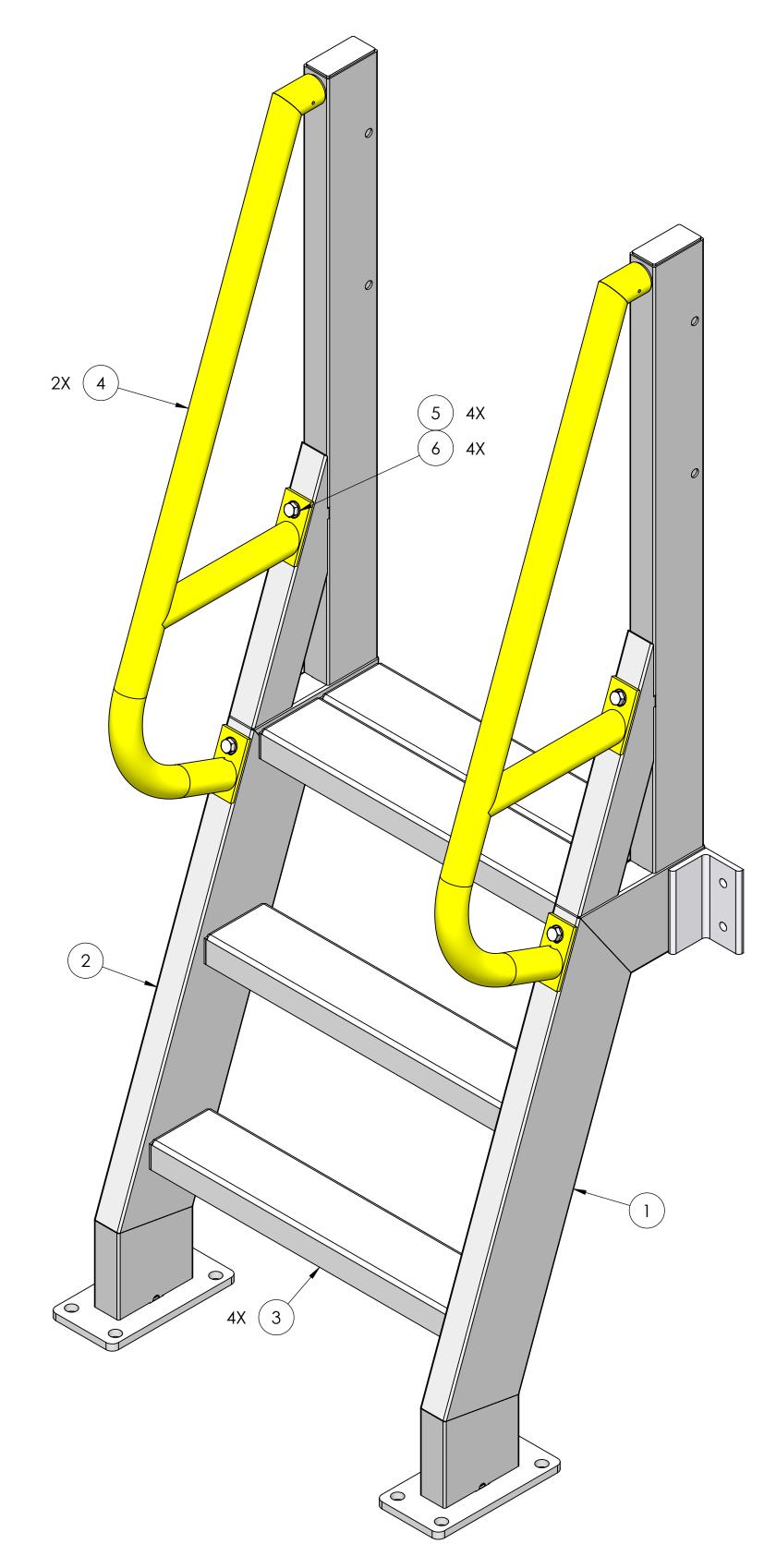


| S-27TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|----------------|
| | | | 2 OF 2 |
| 0936 | FINISH: | PER BOM | SCALE: 1:10 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |

| BOM Table | | | | |
|---------------|-----|--|--------|--|
| MINOR MARK | QTY | PartName | ABAS | |
| 1 | 1 | ES-SL-AL-3S-36TOW-LADDER-RH-W | 169227 | |
| 2 | 1 | es-sl-al-3s-36tow-ladder-lh-w | 110913 | |
| 3 | 4 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | |
| 4 | 2 | es-sl-al-3s-27-36tow-handrail-w | 110841 | |
| 5 | 4 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | |
| 6 | 4 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | |
| 7 | 32 | RIVET - 1/4''x1/2'' GRIP AL | 11143 | |
| 8 | 3 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | |

| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

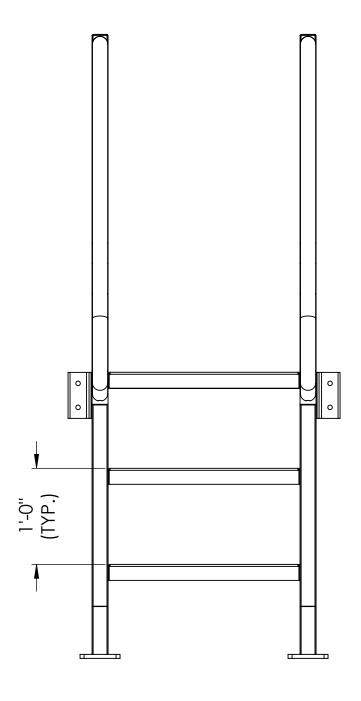
| PR(| JSTOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | |
|-----|--|----------|-----|-----------------|---|---|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING STANDARDS SEAL WELD UNLESS OTHERWISE NOTED USE FILLETS LISTED BELOW UNLESS OTHERWISE NOTED |
| | | | | | .X =±.1 | Material Thickness of Minimum Fillet Thinner Part Joined (inch) Size - S (inch) To 1/4" 1/8" |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX = ±.03 .XXX = ±.010 | Over 1/4" to 1/2" 3/16" |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Over 1/2" to 3/4" 1/4" s Over 3/4" 5/16" |



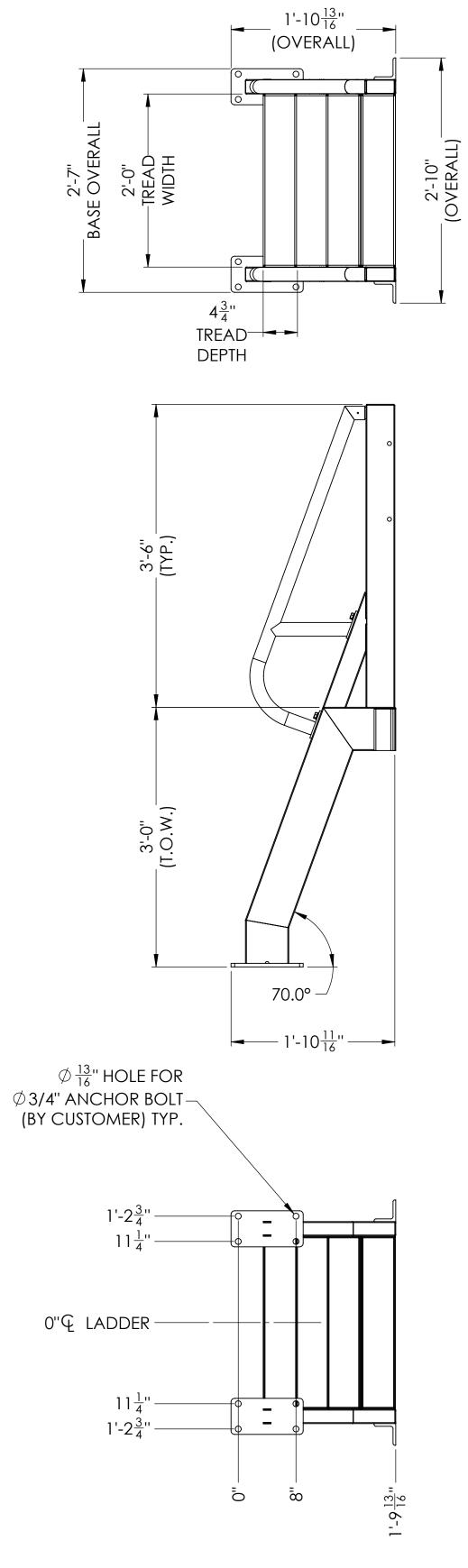
ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY FORM WITHOUT PRIOR WRITTEN CONSENT OF PERFECTASTEP



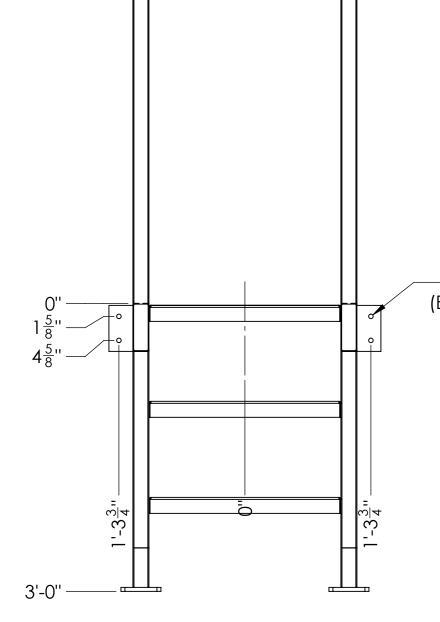
| S-36TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|---------------|
| | | | 1 OF 2 |
|)937 | FINISH: | PER BOM | SCALE: 1:5 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |



| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | 1'-9 ¹⁽ |
|-----|---|----------|-----|-----------------|---|---|---|--------------------|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING S SEAL WELD UNLESS OTHERWISI USE FILLETS LISTED BELOW UNLESS OTH | SE NOTED | (|
| | | | | | .X = ±.1 | Material Thickness of Thinner Part Joined (inch) To 1/4" | Minimum Fillet) Size - S (inch) 1/8" | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX = ±.03 .XXX = ±.010 | Over 1/4" to 1/2" | 3/16" | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Over 1/2" to 3/4" S - Over 3/4" | 1/4" 5/16" | |



ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY FORM WITHOUT PRIOR WRITTEN CONSENT OF PERFECTASTEP



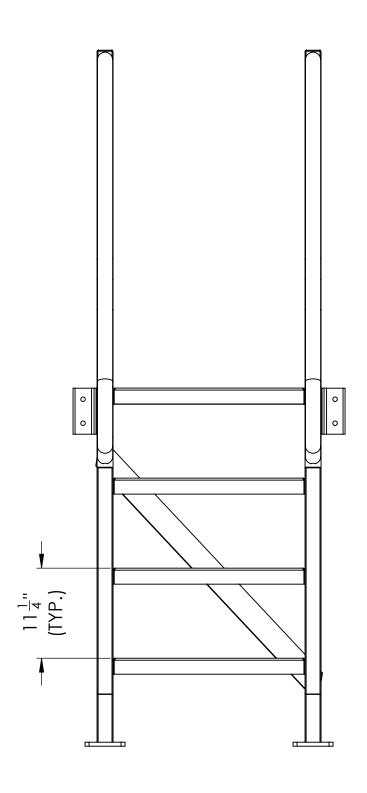


| S-36TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|----------------|
| | | | 2 OF 2 |
|)937 | FINISH: | PER BOM | SCALE: 1:12 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |

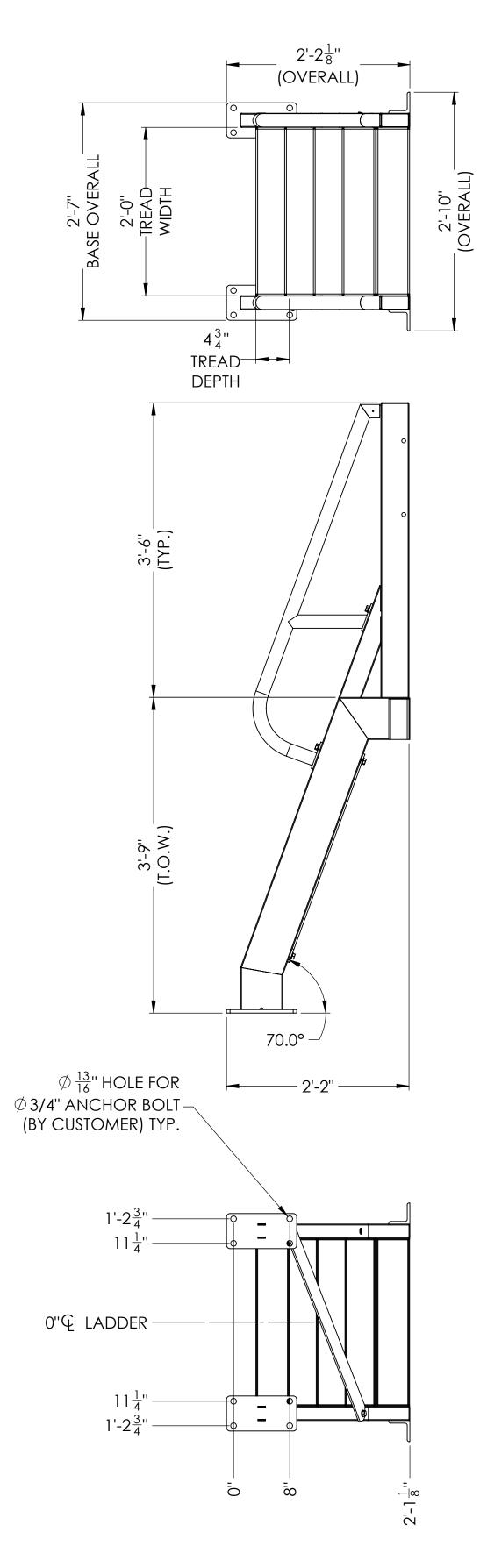
| BOM Table | | | | |
|---------------|-----|--|--------|--|
| MINOR MARK | QTY | PartName | ABAS | |
| 1 | 1 | es-sl-al-4s-45tow-ladder-rh-w | 169228 | |
| 2 | 1 | ES-SL-AL-4S-45TOW-LADDER-LH-W | 110914 | |
| 3 | 5 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | |
| 4 | 2 | ES-SL-AL-4S-45TOW-HANDRAIL-W | 110842 | |
| 5 | 1 | ES-STAIR-UNDERBRACE | 54129 | |
| 6 | 6 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | |
| 7 | 8 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | |
| 8 | 40 | RIVET - 1/4"x1/2" GRIP AL | 11143 | |
| 9 | 4 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | |

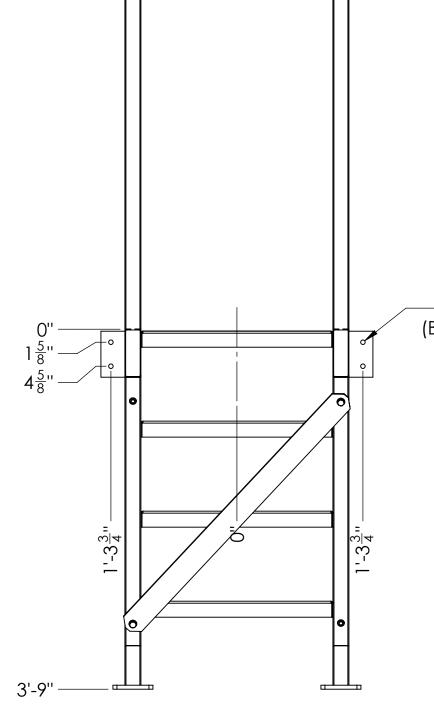
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |

| MINOR MARK 1 2 3 4 5 6 7 8 9 | 0 | EEOP. | | | | |
|--|------------|-------|--|----------------|-----------------|---|
| CUSTOMER IS I PROVIDING AD AND ANCHO PERFECTAST A UPDATED F # DESCRIPTIO | Per DD-23- | | FINISH: DETAIL: CHECK: | ENG: DRAFT: | ALUM SC SIZE | SHEET: 1 OF 2 5CALE: 1:5 ZE: D EV: A |



| PRC A | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | |
|----------|--|----------|-----|-----------------|---|-----------------------------------|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTA SEAL USE FILLETS L |
| | | | | | LINEAR: X'-Y'' = $\pm \frac{1}{16}$ '' X'' = $\pm \frac{1}{32}$ ''' .X = $\pm .1$ | Mc Thinn |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX = ±.03 .XXX = ±.010 | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | |





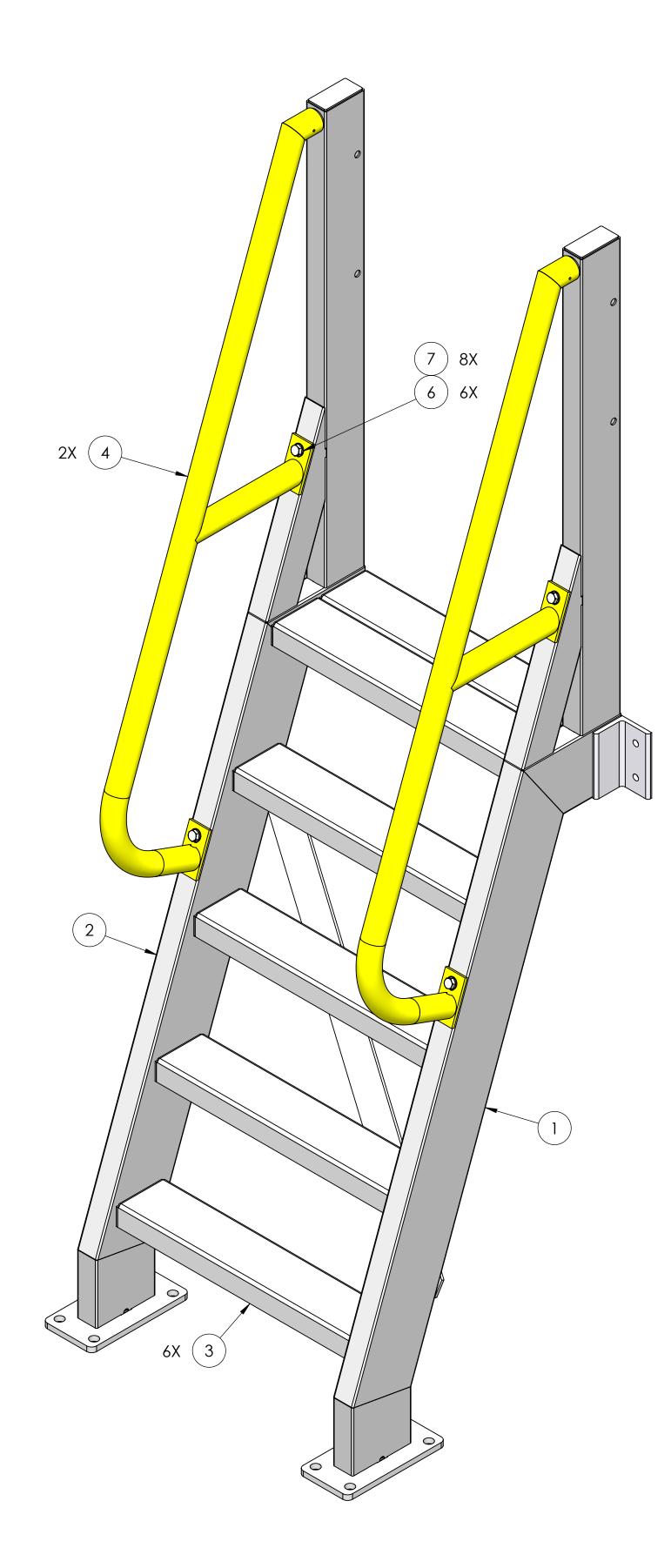


| S-45TOW-LADDER-A | | | | |
|------------------|---------|--------|--------------|---|
| | | | 2 OF | 2 |
|)938 | FINISH: | ALUM | SCAL 1:12 | |
| | DETAIL: | ENG: | SIZE: | D |
| | CHECK: | DRAFT: | REV: | A |

| BOM Table | | | | |
|---------------|-----|--|--------|--|
| MINOR MARK | QTY | PartName | ABAS | |
| 1 | 1 | es-sl-al-5s-54tow-ladder-rh-w | 169229 | |
| 2 | 1 | ES-SL-AL-5S-54TOW-LADDER-LH-W | 110915 | |
| 3 | 6 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | |
| 4 | 2 | ES-SL-AL-5S-54TOW-HANDRAIL-W | 110843 | |
| 5 | 1 | es-stair-underbrace | 54129 | |
| 6 | 6 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | |
| 7 | 8 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | |
| 8 | 48 | RIVET - 1/4"x1/2" GRIP AL | 11143 | |
| 9 | 5 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | |

| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

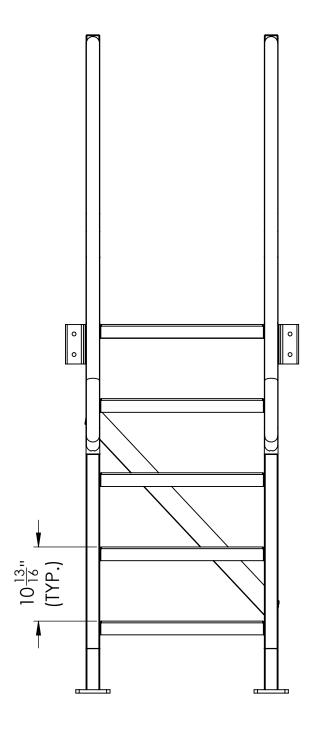
| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|---------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |



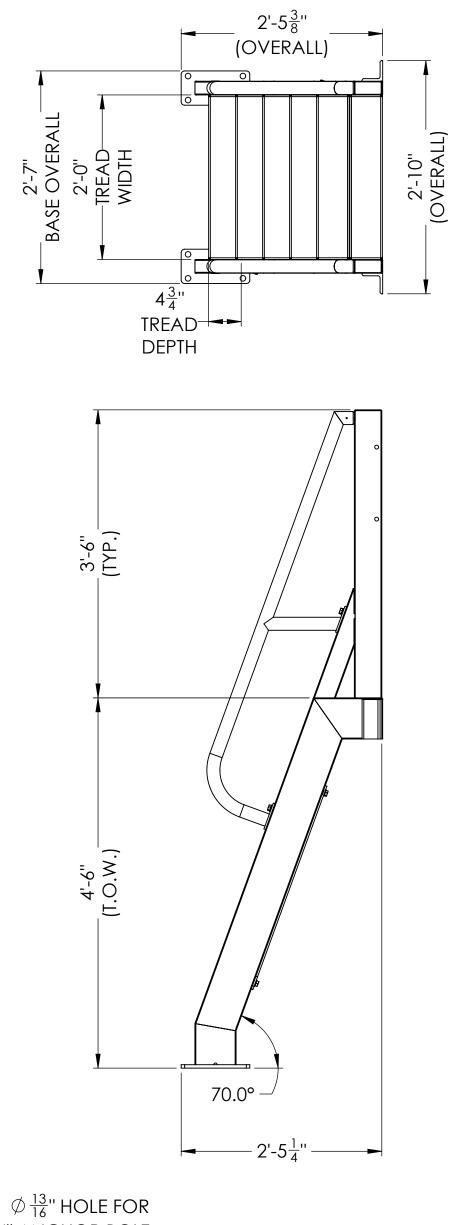


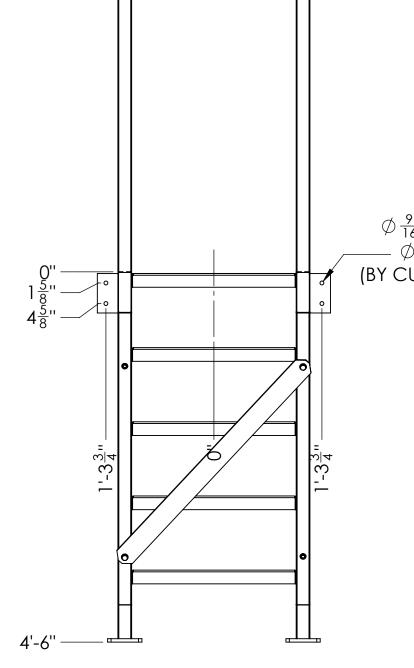


| S-54TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|---------------|
| | | | 1 OF 2 |
|)939 | FINISH: | PER BOM | SCALE: 1:6 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |



| CUSTOMER IS RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORT AND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | 0 | | | | | |
|--|------------|----------------|---|---|--|----------------|----------------------------|---------|--------|------------------------|
| | | DO NO SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIE | D PERFECTASTEP WELDING STANDARDS SEAL WELD UNLESS OTHERWISE NOTED USE FILLETS LISTED BELOW UNLESS OTHERWISE NOTED | CONTAINED HEREIN | | ES-SL-AL-5S-54TOW-LADDER-A | | | SHEET: 2 OF 2 |
| | | | .X =±.1 | Material Thickness of Minimum Fillet Thinner Part Joined (inch) Size - S (inch) To 1/4" 1/8" | IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY | PERFECT / STEP | ABAS #: 110939 | FINISH: | | PER BOM SCALE: 1:14 |
| A UPDATED PER DD-23-0011 | 11/29/23 E | SC \oplus - | | | FORM WITHOUT PRIOR WRITTEN CONSENT OF | | | DETAIL: | ENG: | SIZE: D |
| # DESCRIPTION | DATE | BY THIRD AND | $GLE \left ANGULAR: + / - \frac{1}{2}^{\circ} \right $ | Over 1/2" to 3/4" 1/4" s - Over 3/4" 5/16" | PERFECTASTEP | | | CHECK: | DRAFT: | REV: A |

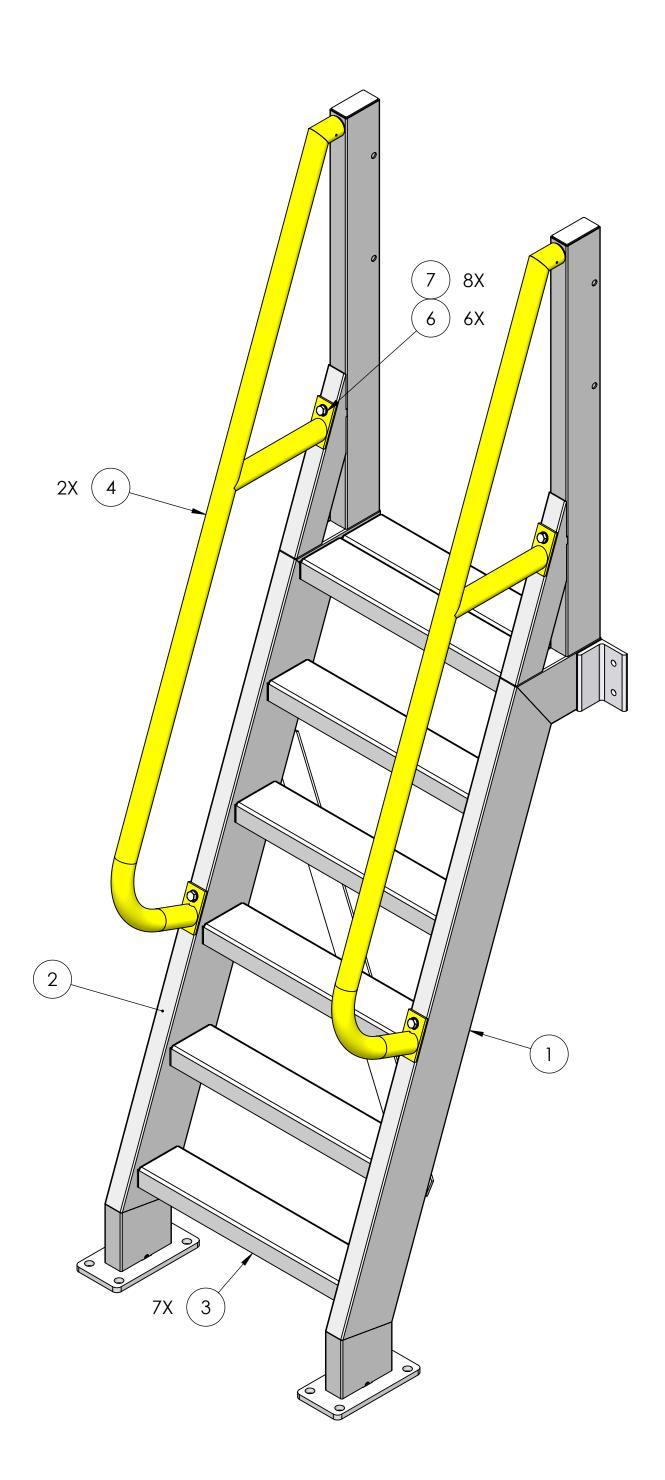


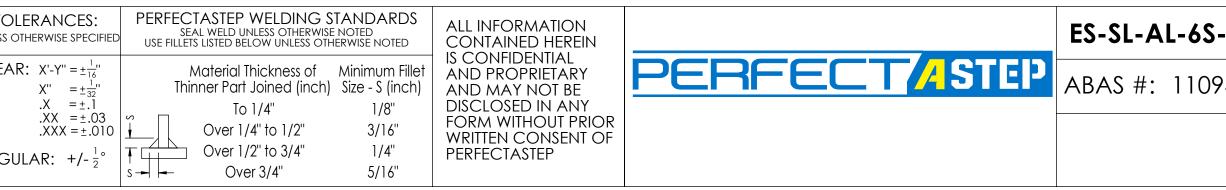


| BOM Table | | | | |
|---------------|-----|--|--------|--|
| MINOR MARK | QTY | PartName | ABAS | |
| 1 | 1 | es-sl-al-6s-63tow-ladder-rh-w | 169230 | |
| 2 | 1 | es-sl-al-6s-63tow-ladder-lh-w | 110916 | |
| 3 | 7 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | |
| 4 | 2 | es-sl-al-6s-63tow-handrail-w | 110844 | |
| 5 | 1 | es-stair-underbrace | 54129 | |
| 6 | 6 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | |
| 7 | 8 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | |
| 8 | 56 | RIVET - 1/4''x1/2'' GRIP AL | 11143 | |
| 9 | 6 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | |

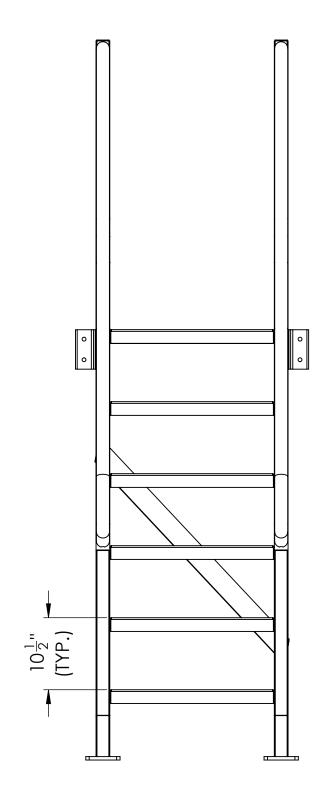
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|---------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |

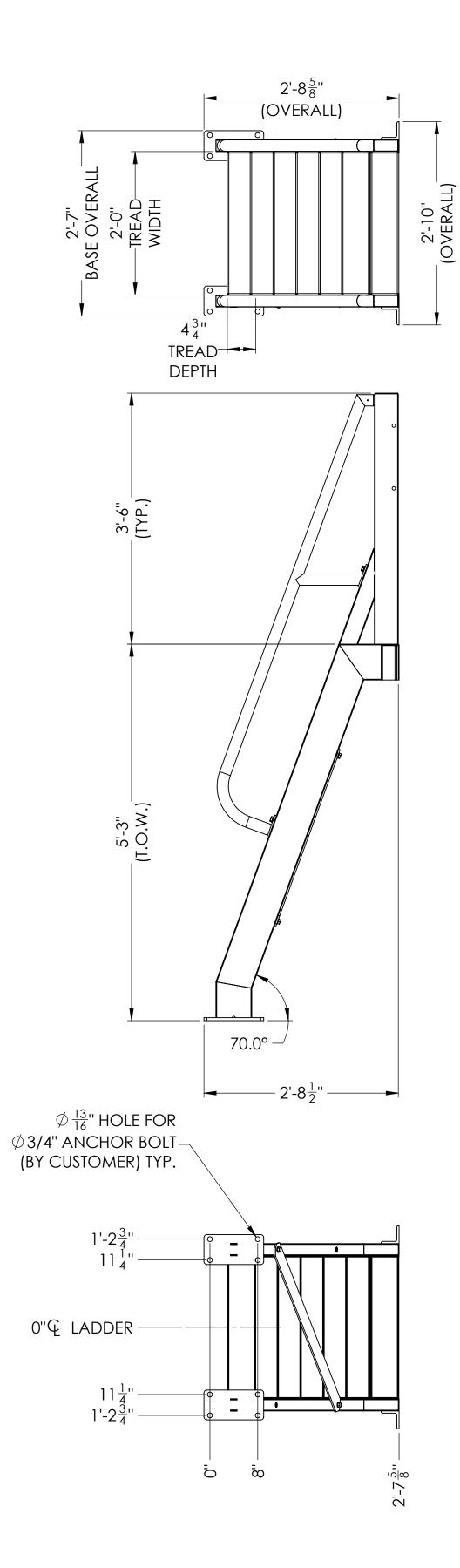


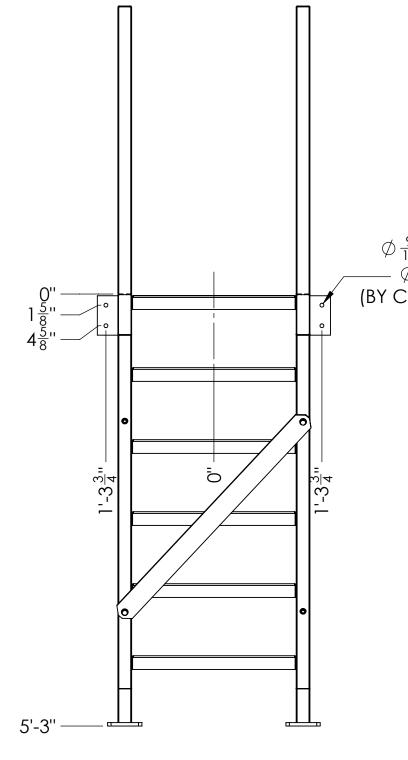


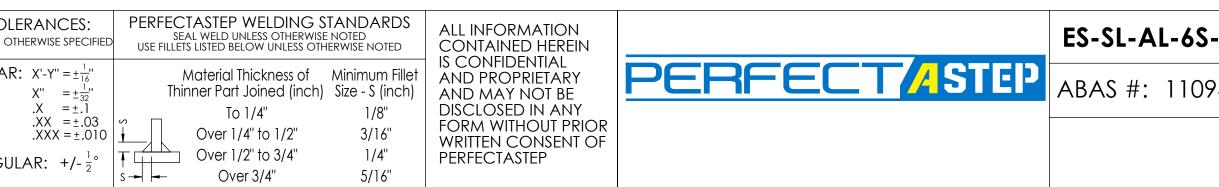
| S-63TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|---------------|
| | | | 1 OF 2 |
|)940 | FINISH: | PER BOM | SCALE: 1:8 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |



| PRC A | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|----------|--|----------|-----|-----------------|---------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |





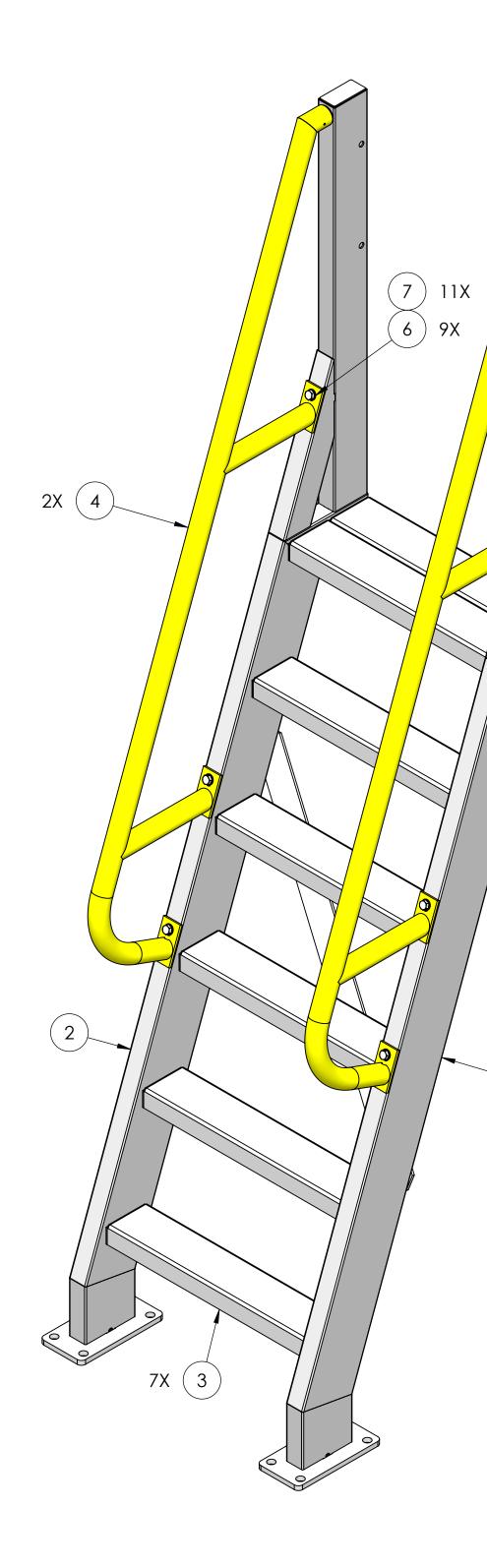


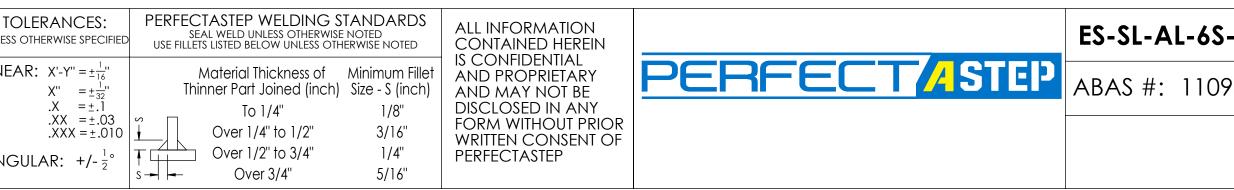
| S-63TOW-LADDER-A | | | | | |
|------------------|---------|---------|----------------|--|--|
| | | | | | |
|)940 | FINISH: | PER BOM | SCALE: 1:14 | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |

| BOM Table | | | | |
|---------------|-----|--|--------|--|
| MINOR MARK | QTY | PartName | ABAS | |
| 1 | 1 | es-sl-al-6s-72tow-ladder-rh-w | 169231 | |
| 2 | 1 | es-sl-al-6s-72tow-ladder-lh-w | 110917 | |
| 3 | 7 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | |
| 4 | 2 | ES-SL-AL-6S-72TOW-HANDRAIL-W | 110845 | |
| 5 | 1 | ES-STAIR-UNDERBRACE | 54129 | |
| 6 | 9 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | |
| 7 | 11 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | |
| 8 | 56 | RIVET - 1/4"x1/2" GRIP AL | 11143 | |
| 9 | 6 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | |

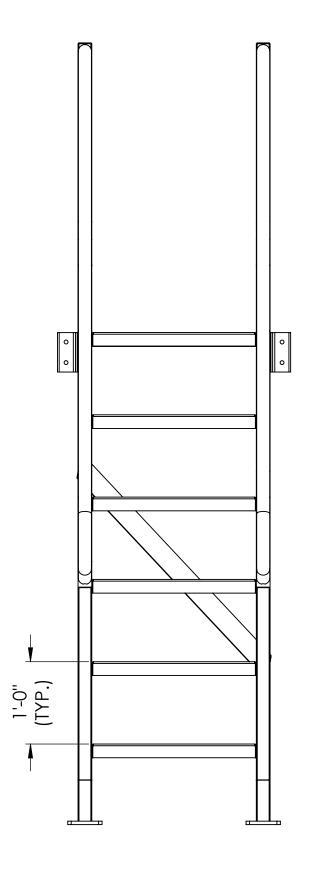
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|--------------------|
| | | | | DO NOT SCALE | TOLE UNLESS OTH |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |

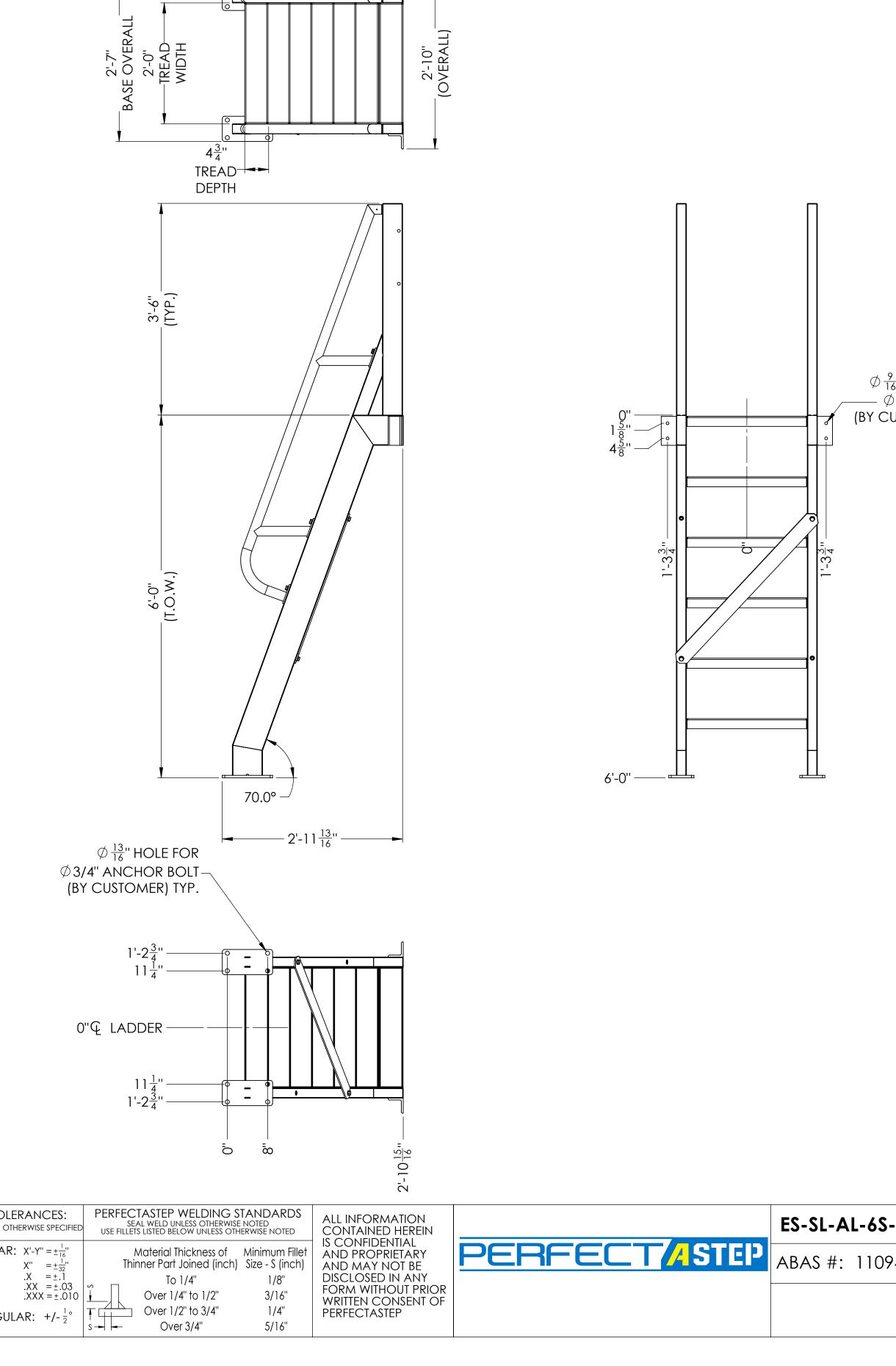




| S-72TOW-LADDER-A | | | SHEET | : |
|------------------|---------|---------|--------------|--------|
| | | | 1 OF 2 | 2 |
| 0941 | FINISH: | PER BOM | SCALE 1:8 | E: |
| | DETAIL: | ENG: | SIZE: | D |
| | CHECK: | DRAFT: | REV: | A |



| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|--------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR |
| | | | | | |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |



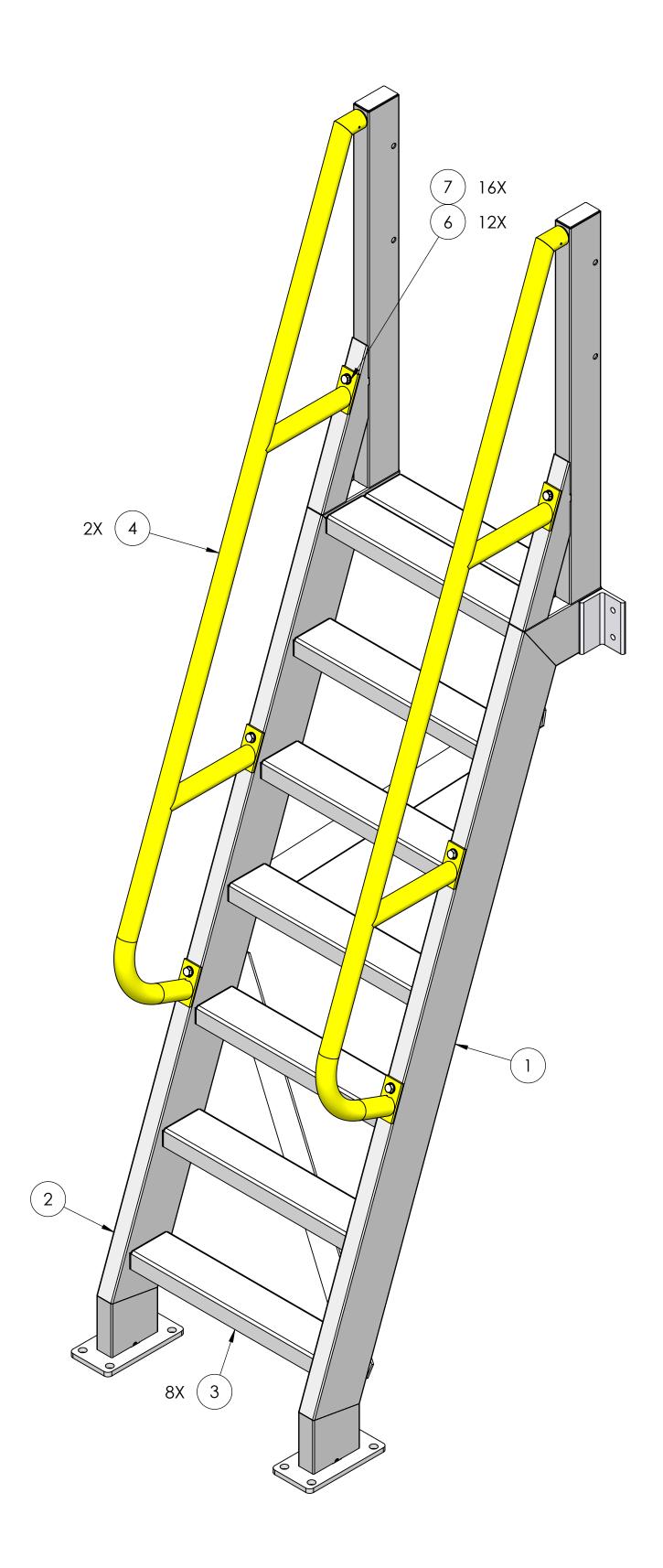
___2'-11<u>15</u>'' __ (OVERALL)

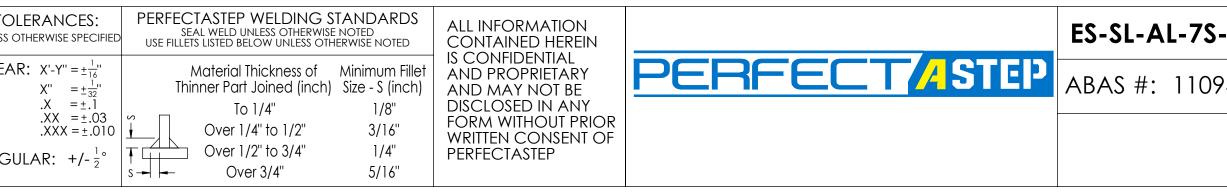
| S-72TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|----------------|
| | | | 2 OF 2 |
| 0941 | FINISH: | PER BOM | SCALE: 1:14 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |

| BOM Table | | | | |
|---------------|------------|--|--------|--|
| MINOR MARK | P(M(N)(M)) | | | |
| 1 | 1 | es-sl-al-7s-81tow-ladder-rh-w | 169232 | |
| 2 | 1 | es-sl-al-7s-81tow-ladder-lh-w | 110918 | |
| 3 | 8 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | |
| 4 | 2 | es-sl-al-7s-81tow-handrail-w | 110846 | |
| 5 | 2 | es-stair-underbrace | 54129 | |
| 6 | 12 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | |
| 7 | 16 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | |
| 8 | 64 | RIVET - 1/4"x1/2" GRIP AL | 11143 | |
| 9 | 7 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | |

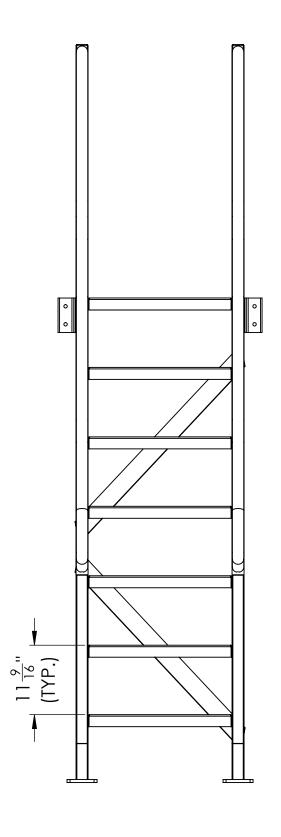
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | |
|-----|---|----------|-----|-----------------|---|----------|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED |) F |
| | | | | | .X =±.1 | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX =±.03 .XXX =±.010 | I S I S |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | ∮ S – |

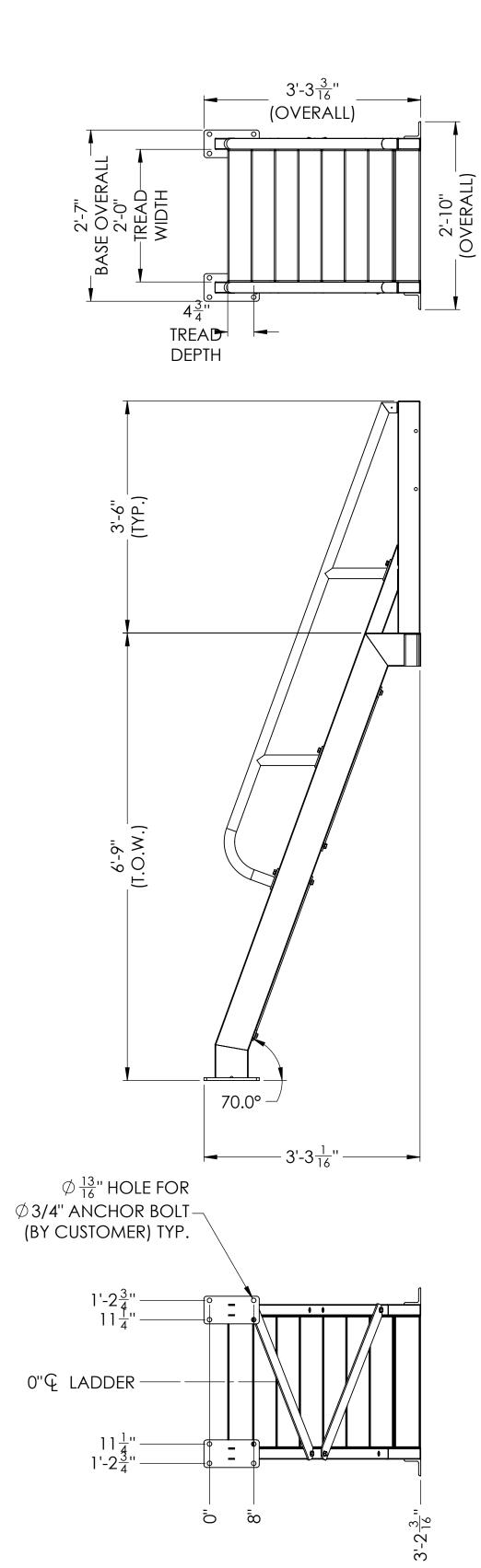


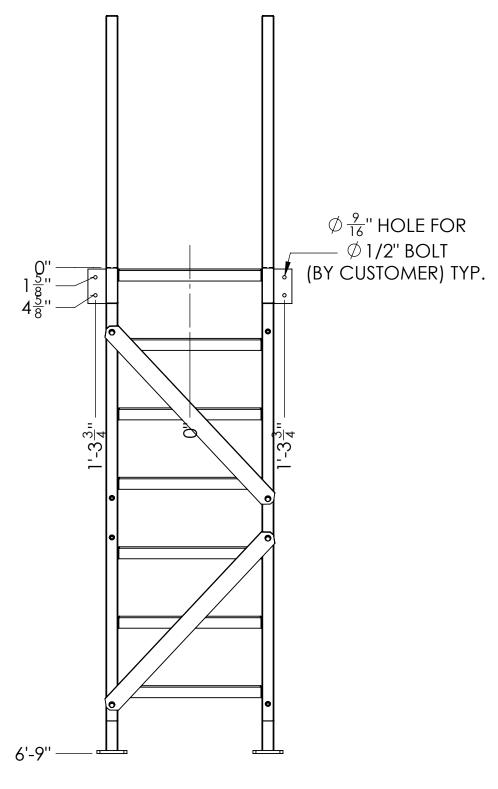


| S-81TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|---------------|
| | | | 1 OF 2 |
| 0942 | FINISH: | PER BOM | SCALE: 1:8 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |



| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|-------------------|
| | | | | DO NOT SCALE | TOLI UNLESS OT |
| | | | | | LINEAR |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUI |





 ERFECTASTEP WELDING STANDARDS SEAL WELD UNLESS OTHERWISE NOTED
 ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY FORM WITHOUT PRIOR WRITTEN CONSENT OF PERFECTASTEP

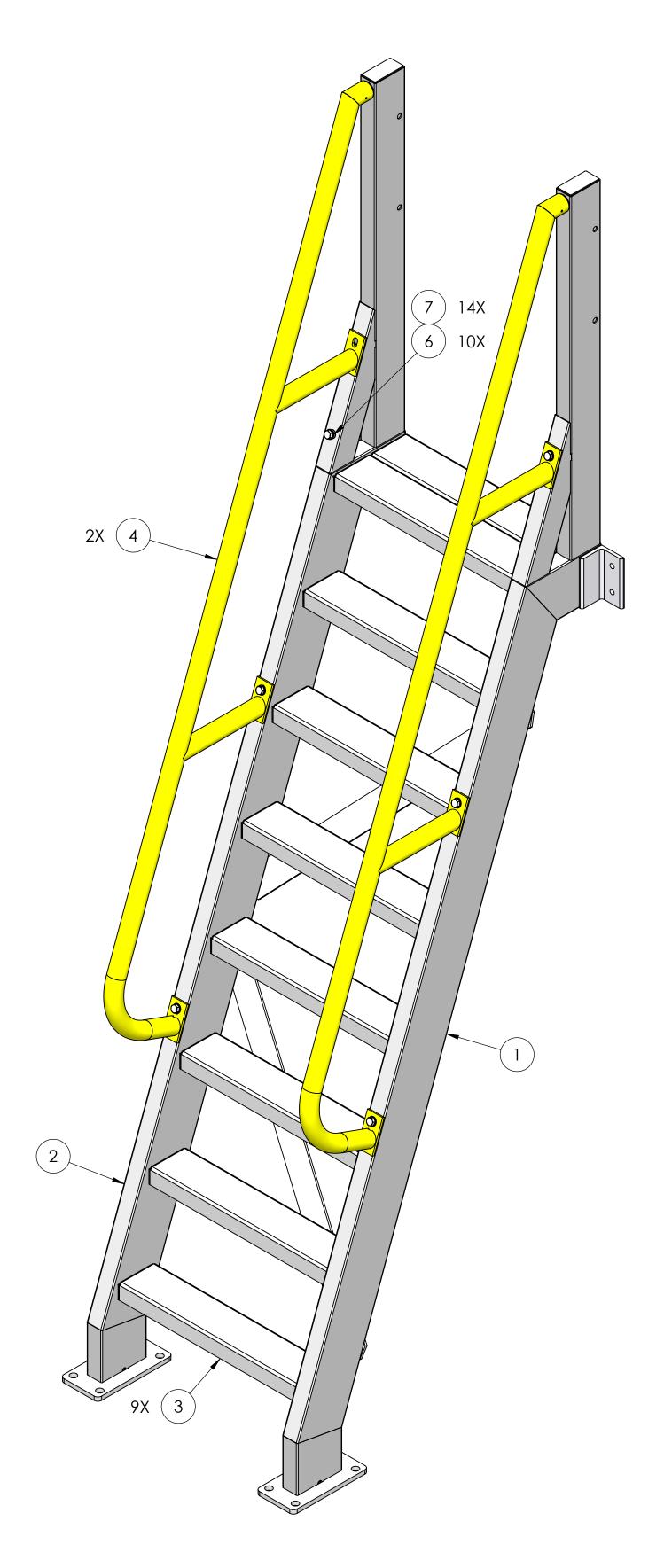
 PERFECTASTEP WELDING STANDARDS SEAL WELD UNLESS OTHERWISE NOTED USE FILLETS LISTED BELOW UNLESS OTHERWISE NOTED DLERANCES: OTHERWISE SPECIFIED ES-SL-AL-7S-PERFECT / STEP ABAS #: 1109 AR: X'-Y'' = $\pm \frac{1}{16}$ $\begin{array}{c}
X'' = \pm \frac{1}{32'} \\
.X = \pm .1 \\
.XX = \pm .03 \\
.XXX = \pm .010
\end{array}$
 $ULAR: +/-\frac{1}{2}^{\circ}$ I Over 1/2" to 3/4" Over 3/4" 5/16"

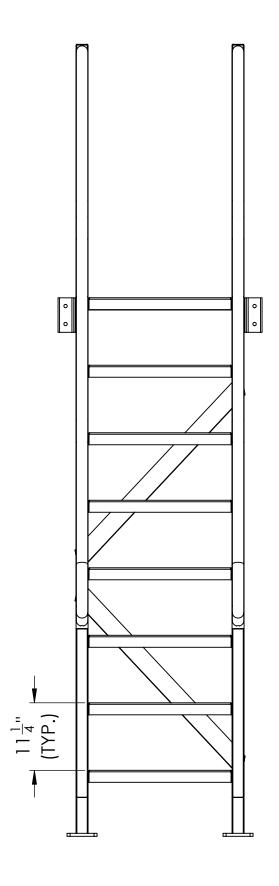
| S-81TOW-LADDER-A | | | | SHEET | Г: |
|------------------|---------|--------|----|---------------|----|
| | | | | 2 OF : | 2 |
|)942 | FINISH: | PER BC | CM | SCALE 1:16 | |
| | DETAIL: | ENG: | S | SIZE: | D |
| | CHECK: | DRAFT: | F | REV: | A |

| BOM Table | | | | |
|---------------|-------------------|--|--------|--|
| MINOR MARK | $P(Y X)(Y)\Delta$ | | | |
| 1 | 1 | es-sl-al-8s-90tow-ladder-rh-w | 169233 | |
| 2 | 1 | es-sl-al-8s-90tow-ladder-lh-w | 110919 | |
| 3 | 9 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | |
| 4 | 2 | ES-SL-AL-8S-90TOW-HANDRAIL-W | 110847 | |
| 5 | 2 | es-stair-underbrace | 54129 | |
| 6 | 10 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | |
| 7 | 14 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | |
| 8 | 72 | RIVET - 1/4"x1/2" GRIP AL | 11143 | |
| 9 | 8 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | |

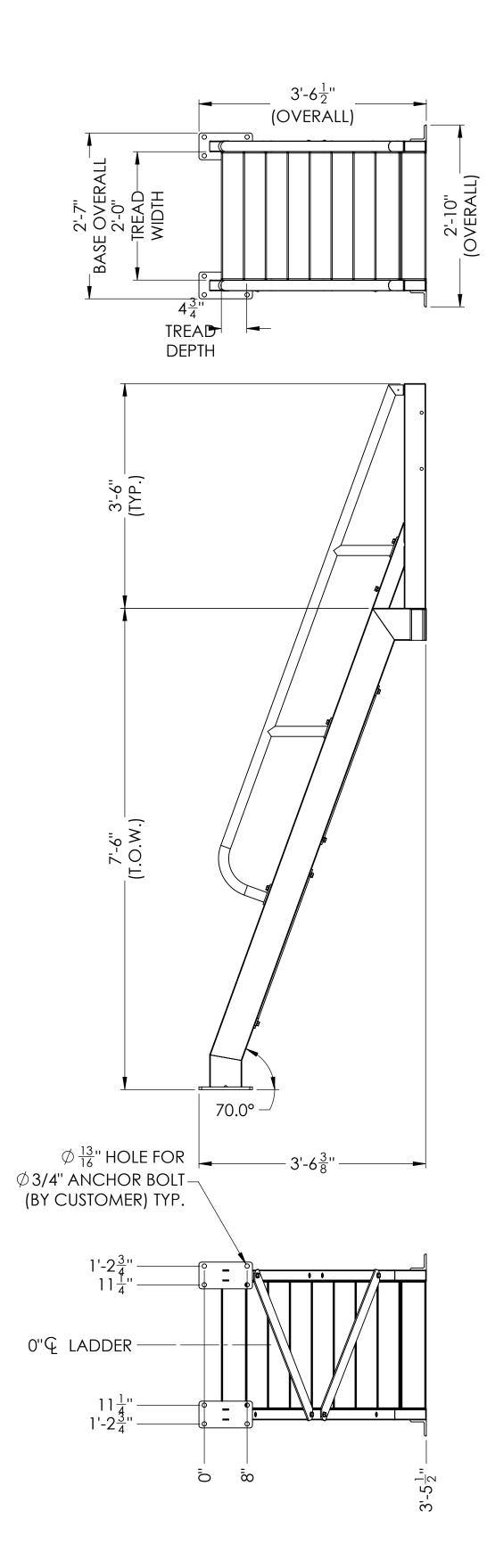
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |
| | |

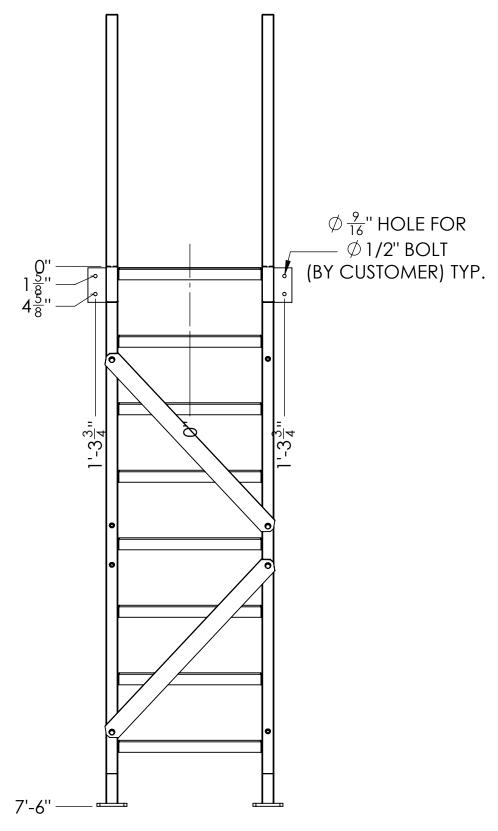
| CUSTOMER IS RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORT AND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | |
|--|--------------|--|--|------|----------|--------|-----------------------|
| | | DO NOT SCALE UNLESS OTHERWISE SPECIFI | USE FILLETS LISTED BELOW UNLESS OTHERWISE NOTED CONTAINED HER | | LADDER-A | | SHEET: 1 OF 2 |
| | | PROJECTION: $X'' = \pm \frac{1}{16}'' = \pm \frac{1}{16}'' = \pm \frac{1}{32}'' = $ | Material Thickness of Minimum Fillet Thinner Part Joined (inch) Size - S (inch) To 1/4" 1/8" IS CONFIDENTIAL AND PROPRIETA AND MAY NOT B DISCLOSED IN A | | FINISH: | | PER BOM SCALE: 1:8 |
| A UPDATED PER DD-23-0011 | 11/29/23 ESC | $ \begin{array}{c} .X = \pm .1 \\ .XX = \pm .03 \\ .XXX = \pm .01 \end{array} $ | Over 1/4" to 1/2" 3/16" FORM WITHOUT WRITTEN CONSE | RIOR | DETAIL: | ENG: | SIZE: D |
| # DESCRIPTION | DATE BY | THIRD ANGLE ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Over 1/2" to 3/4" 1/4" PERFECTASTEP s - Over 3/4" 5/16" | | CHECK: | DRAFT: | REV: A |

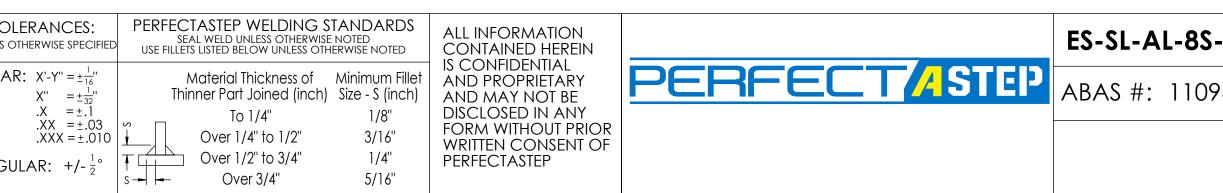




| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|---|----------|-----|-----------------|---------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |





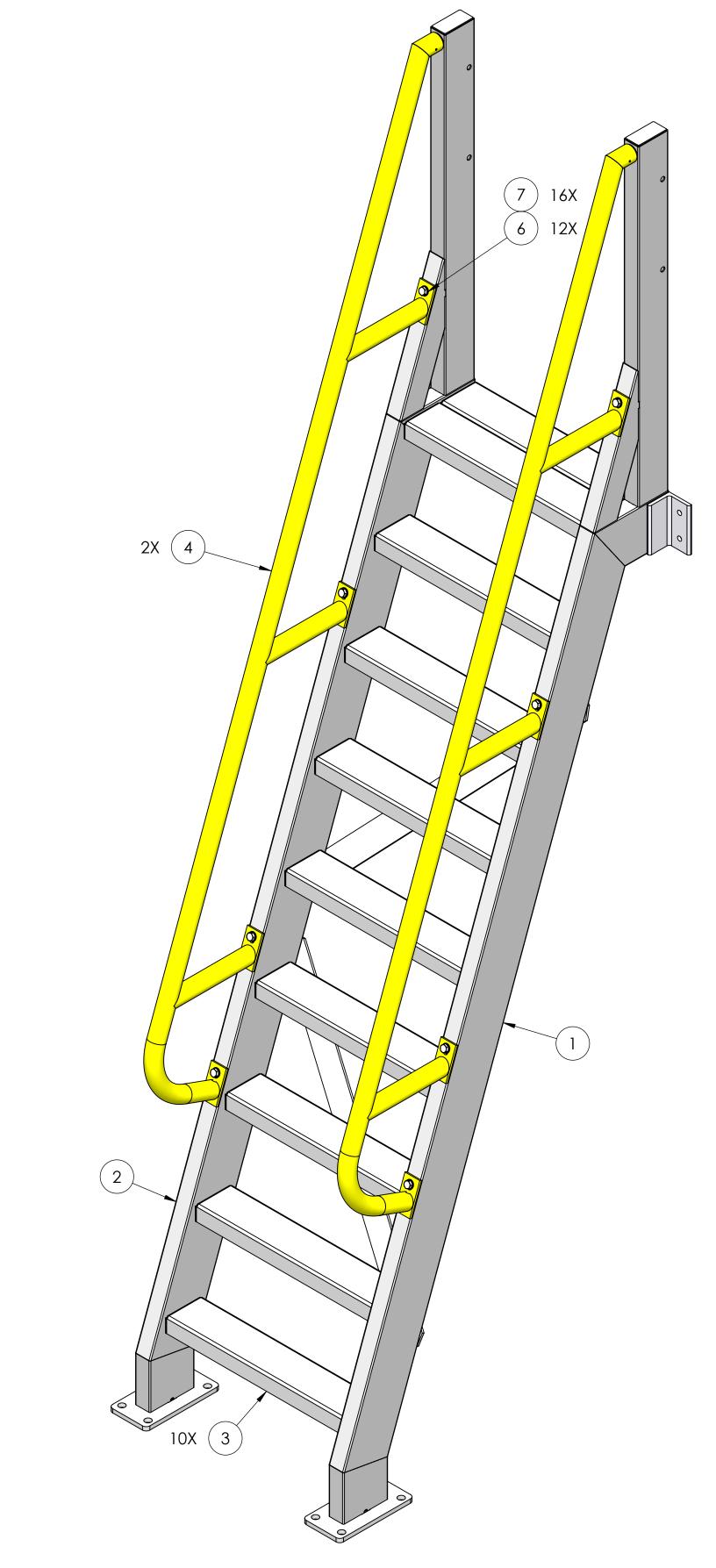


| S-90TOW-LADDER-A | | | SHEET: | | |
|------------------|---------|---------|----------------|--|--|
| 2-7010W-LADDLK-A | | | | | |
|)943 | FINISH: | PER BOM | SCALE: 1:16 | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |

| BOM Table | | | | | | |
|---------------|-----|--|--------|--|--|--|
| MINOR MARK | QTY | PartName | ABAS | | | |
| 1 | 1 | ES-SL-AL-9S-99TOW-LADDER-RH-W | 169234 | | | |
| 2 | 1 | ES-SL-AL-9S-99TOW-LADDER-LH-W | 110920 | | | |
| 3 | 10 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | | | |
| 4 | 2 | ES-SL-AL-9S-99TOW-HANDRAIL-W | 110848 | | | |
| 5 | 2 | es-stair-underbrace | 54129 | | | |
| 6 | 12 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | | | |
| 7 | 16 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | | | |
| 8 | 80 | RIVET - 1/4''x1/2'' GRIP AL | 11143 | | | |
| 9 | 9 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | | | |

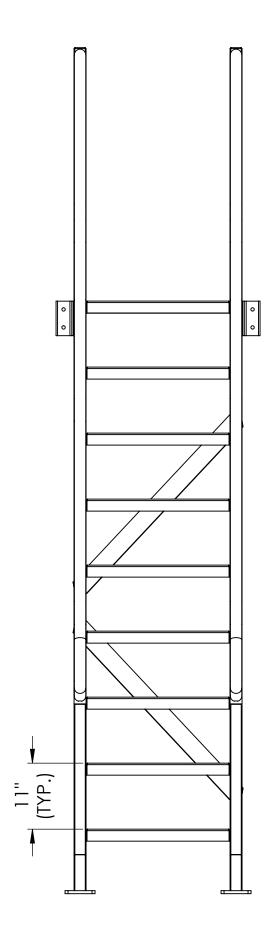
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | ISTOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT IND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | |
|-----|---|----------|-----|-----------------|---|---|--|---------------|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING SEAL WELD UNLESS OTHERWIS USE FILLETS LISTED BELOW UNLESS OT | se noted | |
| | | | | | .X = ±.1 | Material Thickness of Thinner Part Joined (inch To 1/4" | Minimum Fillet) Size - S (inch) 1/8'' | AND DISCL |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX =±.03 .XXX =±.010 | | 3/16" | FORM WRITT |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Over 1/2" to 3/4" s - Over 3/4" | 1/4" 5/16" | PERFE |

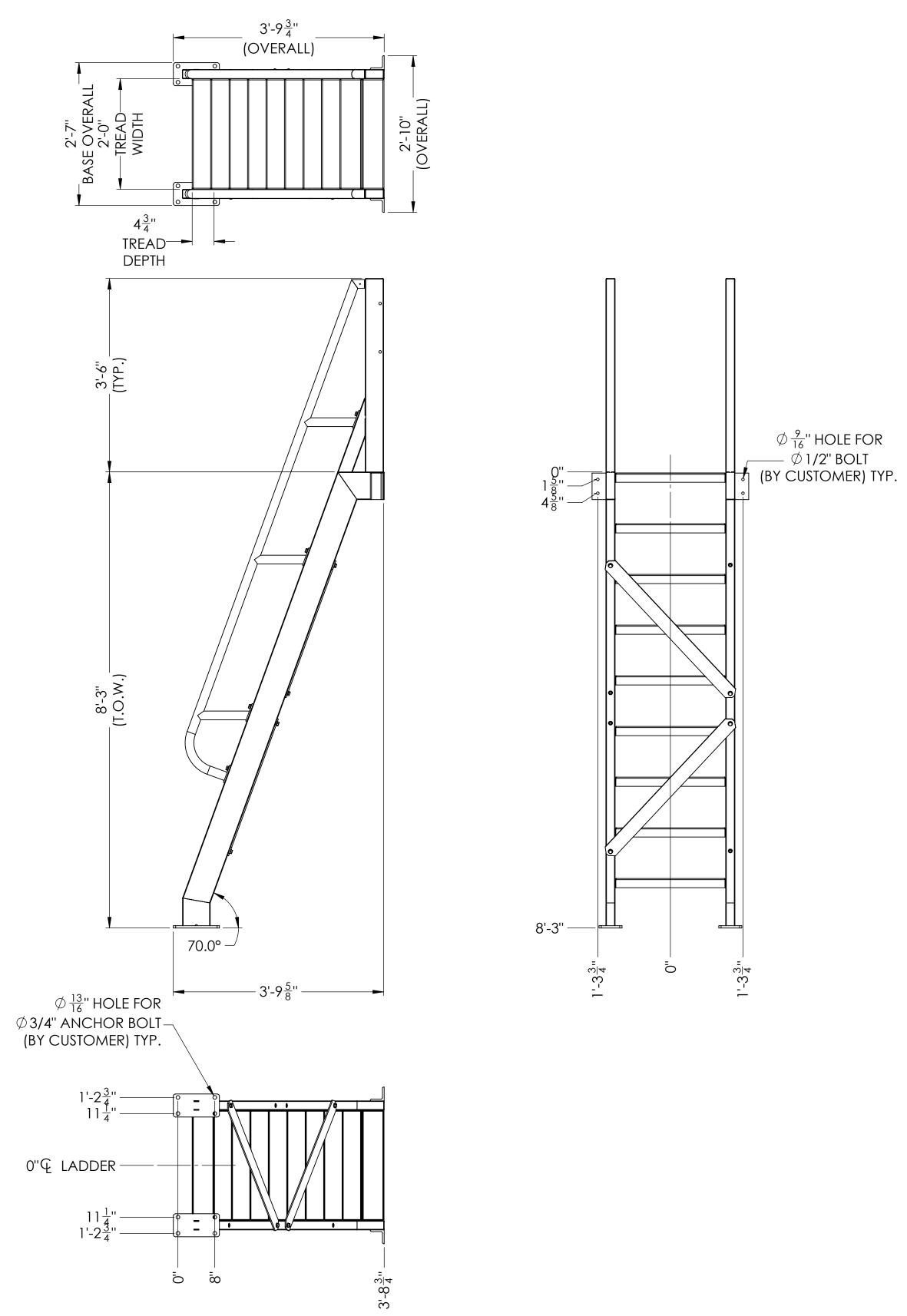




| S-99TOW-LADDER-A | | | SHEET: |
|------------------|---------|---------|---------------|
| | | | 1 OF 2 |
|)944 | FINISH: | PER BOM | SCALE: 1:8 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |



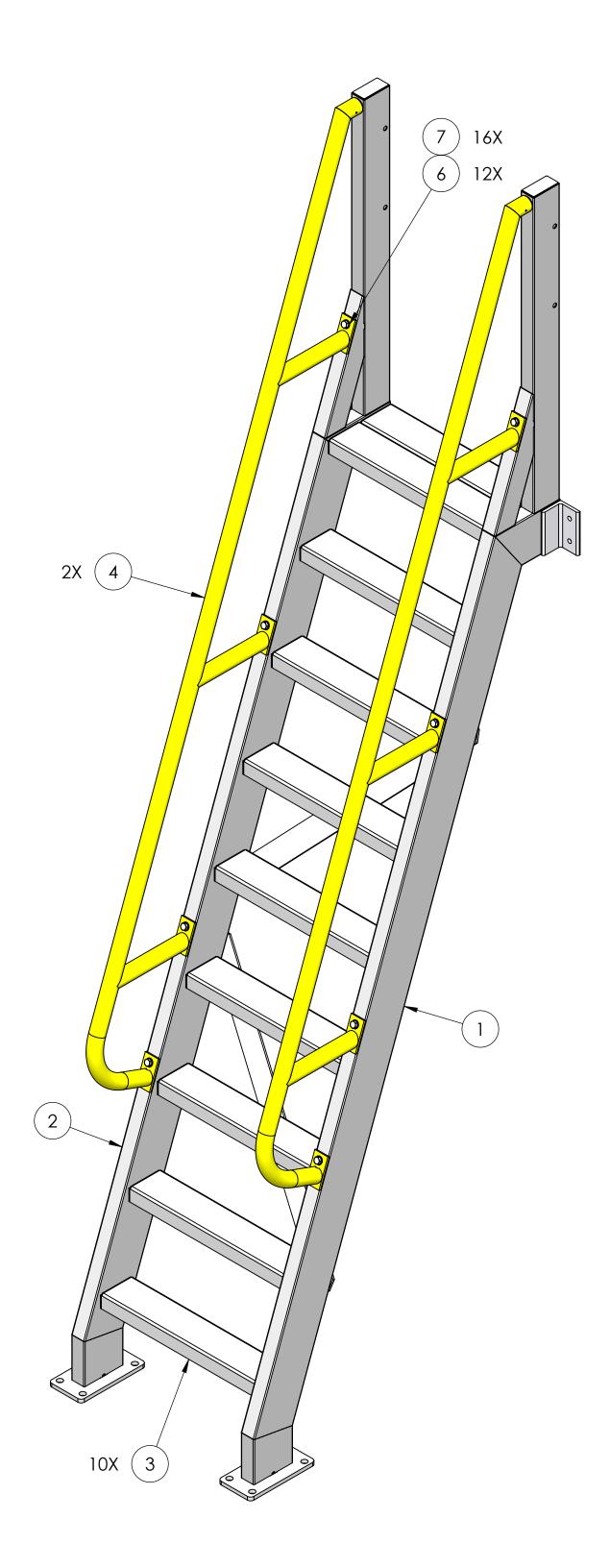
| CUSTOMER IS RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORT AND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | | |
|--|--------------|---|---|--|------------------------------|---------|--------|------------------------|
| | | DO NOT SCALE UNLESS OTHERWISE SP | | ALL INFORMATION CONTAINED HEREIN | ES-SL-AL-9S-99TO | | | SHEET: 2 OF 2 |
| | | PROJECTION: LINEAR: X'' = ± | Thinner Part Joined (inch) Size - S (inch) To $1/4''$ 1/8'' | IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY | PERFECT/ASTEP ABAS #: 110944 | FINISH: | | PER BOM SCALE: 1:16 |
| A UPDATED PER DD-23-0011 | 11/29/23 ESC | | $\pm .010 \left \frac{1}{10000000000000000000000000000000000$ | FORM WITHOUT PRIOR WRITTEN CONSENT OF | | DETAIL: | ENG: | SIZE: D |
| # DESCRIPTION | DATE BY | THIRD ANGLE ANGULAR: +/ | - ¹ / ₂ ° Over 1/2" to 3/4" 1/4" s - Over 3/4" 5/16" | PERFECTASTEP | | CHECK: | DRAFT: | REV: A |

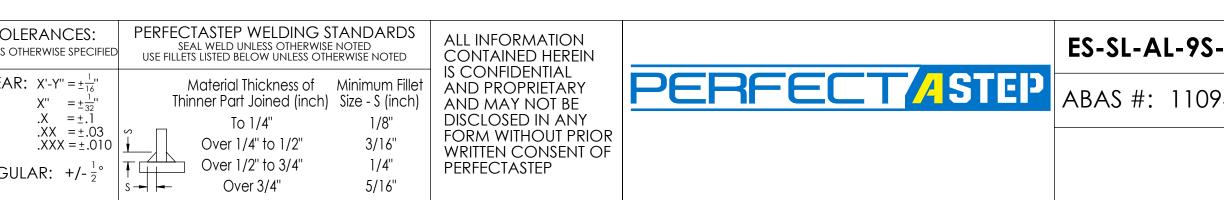


| BOM Table | | | | | | | |
|---------------|--------------------|--|--------|--|--|--|--|
| MINOR MARK | P(T) = P(T) = P(T) | | | | | | |
| 1 | 1 | es-sl-al-9s-108tow-ladder-rh-w | 169235 | | | | |
| 2 | 1 | es-sl-al-9s-108tow-ladder-lh-w | 110921 | | | | |
| 3 | 10 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | | | | |
| 4 | 2 | es-sl-al-9s-108tow-handrail-w | 110849 | | | | |
| 5 | 2 | es-stair-underbrace | 54129 | | | | |
| 6 | 12 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | | | | |
| 7 | 16 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | | | | |
| 8 | 80 | RIVET - 1/4"x1/2" GRIP AL | 11143 | | | | |
| 9 | 9 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | | | | |

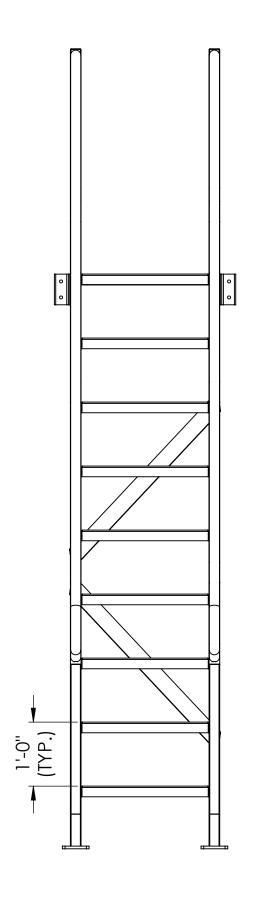
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | |
|-----|---|--|----------|-----|-----------------|--------------------|
| | | | | | DO NOT SCALE | TOLE UNLESS OTH |
| | | | | | | LINEAR: |
| | | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | | 11/29/23 | ESC | | |
| # | DESCRIPTION | | DATE | BY | THIRD ANGLE | ANGUL |

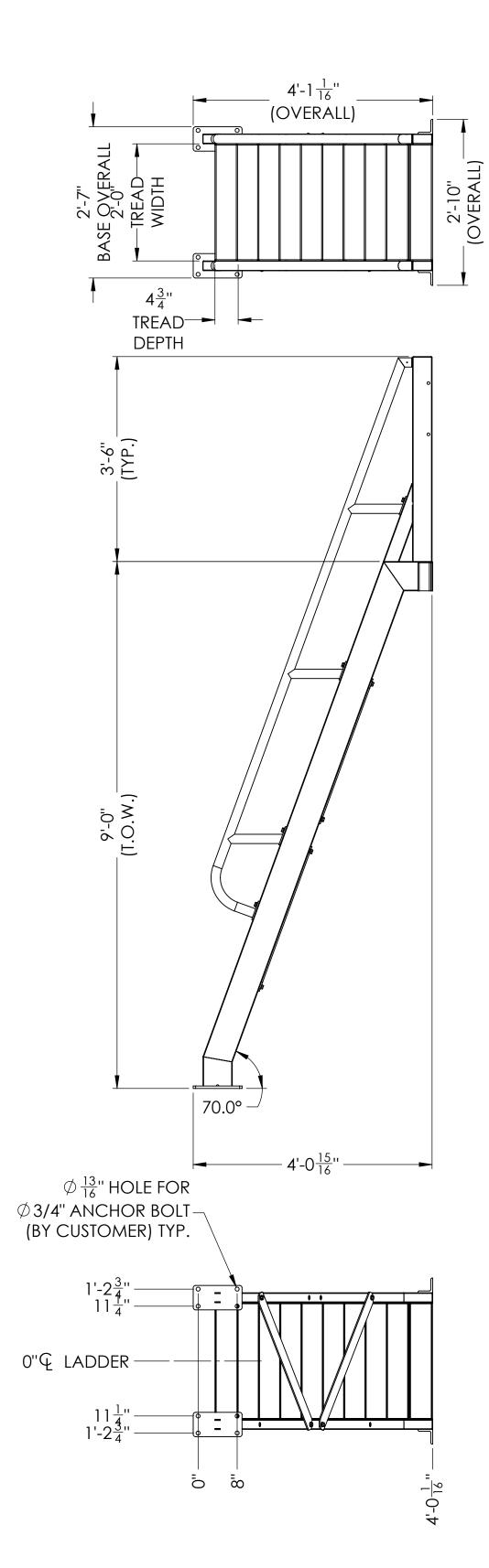


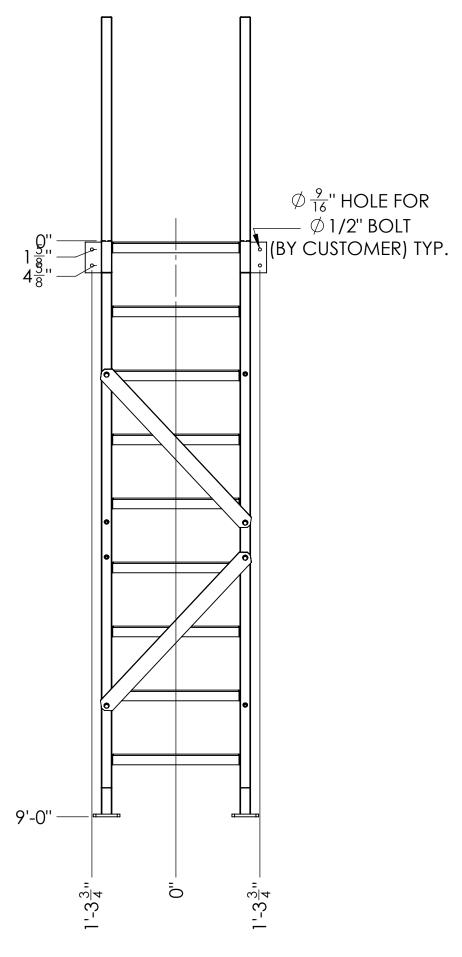


| S-108TOW-LADDER-A | | | | |
|-------------------|---------|---------|----------------|--|
| 1 | | | | |
| 0945 | FINISH: | PER BOM | SCALE: 1:10 | |
| | DETAIL: | ENG: | SIZE: D | |
| | CHECK: | DRAFT: | REV: A | |



| PRC | STOMER IS RESPONSIBLE FOR DVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | |
|-----|---|-------------------|--|--|-----------------------|------------------------|
| | | DO NO SCALE | UNLESS OTHERWISE SPECIFIED USE FILLETS LISTED BELOW UNLESS OTHERWISE NOTED CONTA | | AL-9S-108TOW-LADDER-A | SHEET: 2 OF 2 |
| | | | N: $X'' = \pm \frac{1}{32}''$ $X'' = \pm \frac{1}{32}'''$ $X'' = \pm \frac{1}{32}''''$ $X'' = \pm \frac{1}{32}''''$ $X'' = \pm \frac{1}$ | PROPRIETARY MAY NOT BE OSED IN ANY | : 110945 FINISH: | PER BOM SCALE: 1:18 |
| Α | UPDATED PER DD-23-0011 | 11/29/23 ESC - | $\begin{array}{c c} & .XX = \pm .03 \\ .XXX = \pm .010 \end{array} \qquad $ | N WITHOUT PRIOR EN CONSENT OF | DETAIL: | ENG: SIZE: D |
| # | DESCRIPTION | DATE BY THIRD AND | $ANGULAR: +/-\frac{1}{2}^{\circ}$ $1/2^{\circ}$ $1/2^{\circ}$ $1/4^{\circ}$ $1/4^{\circ}$ PERFEC s $Over 3/4^{\circ}$ $5/16^{\circ}$ | CTASTEP | CHECK: | DRAFT: REV: A |

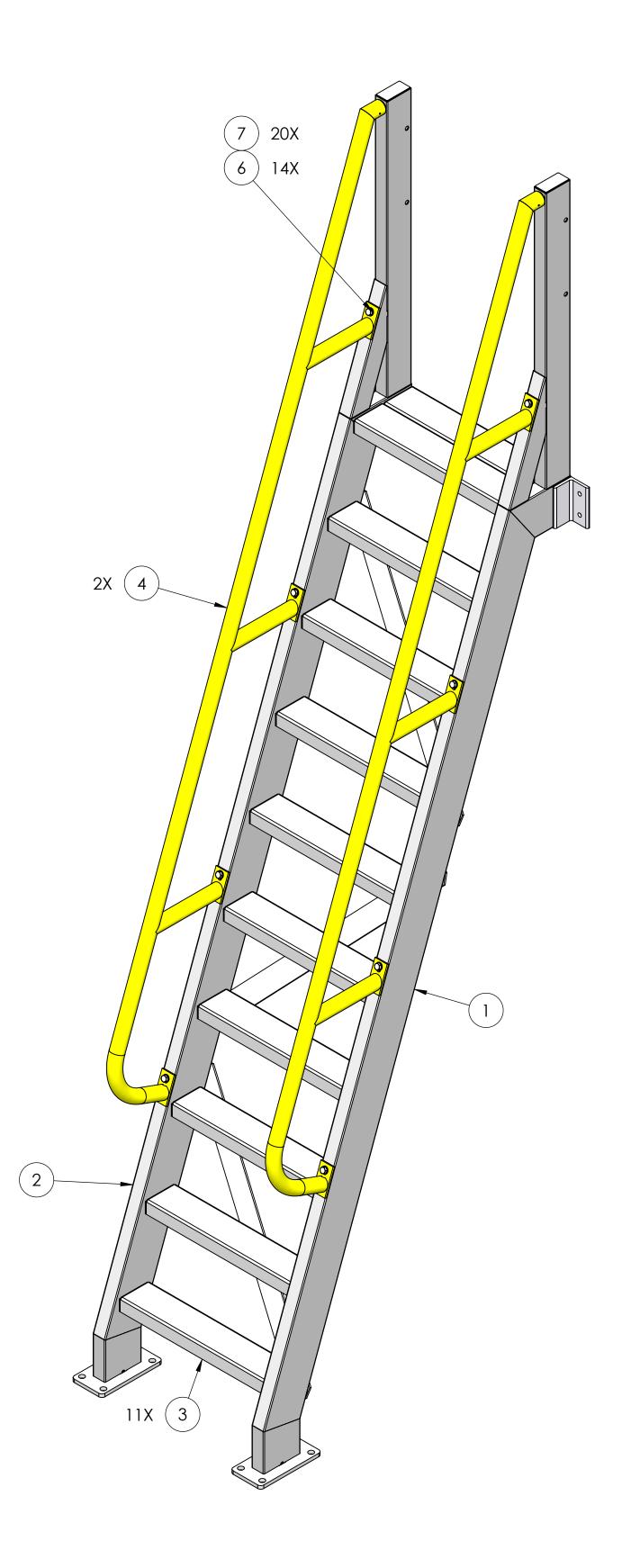


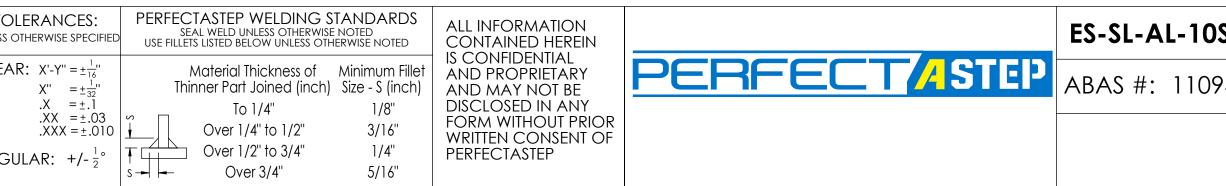


| | | BOM Table | |
|---------------|-----|--|--------|
| MINOR MARK | QTY | PartName | ABAS |
| 1 | 1 | es-sl-al-10s-117tow-ladder-rh-w | 169236 |
| 2 | 1 | es-sl-al-10s-117tow-ladder-lh-w | 110922 |
| 3 | 11 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 |
| 4 | 2 | es-sl-al-10s-117tow-handrail-w | 110850 |
| 5 | 3 | es-stair-underbrace | 54129 |
| 6 | 14 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 |
| 7 | 20 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 |
| 8 | 88 | RIVET - 1/4''x1/2'' GRIP AL | 11143 |
| 9 | 10 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 |

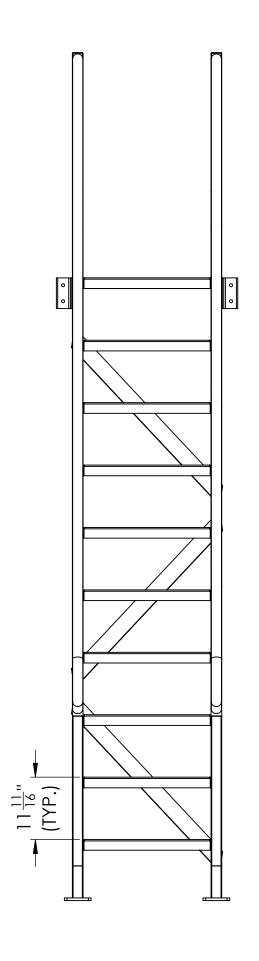
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|---------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |

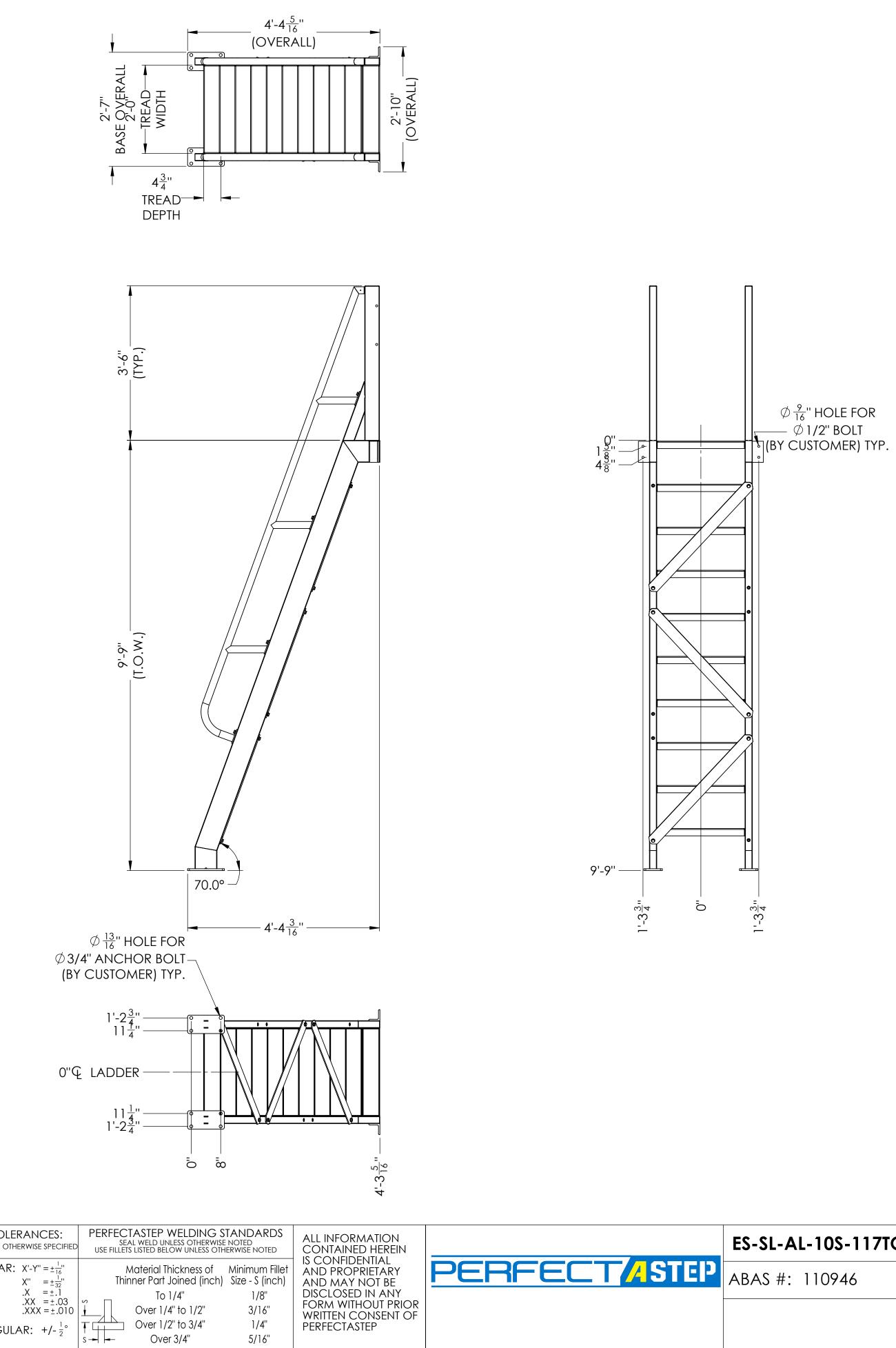




| 0S-117TOW-LADDER-A | 4 | | SHEET: |
|--------------------|---------|---------|--------------------------|
|)946 | FINISH: | PER BOM | 1 OF 2 SCALE: 1:10 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |



| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|---|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED |
| | | | | | LINEAR: X'-Y'' = $\pm \frac{1}{16}$ X'' = $\pm \frac{1}{32}$ '' .X = $\pm .1$ |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .X = ±.1 .XX = ±.03 .XXX = ±.010 |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ |



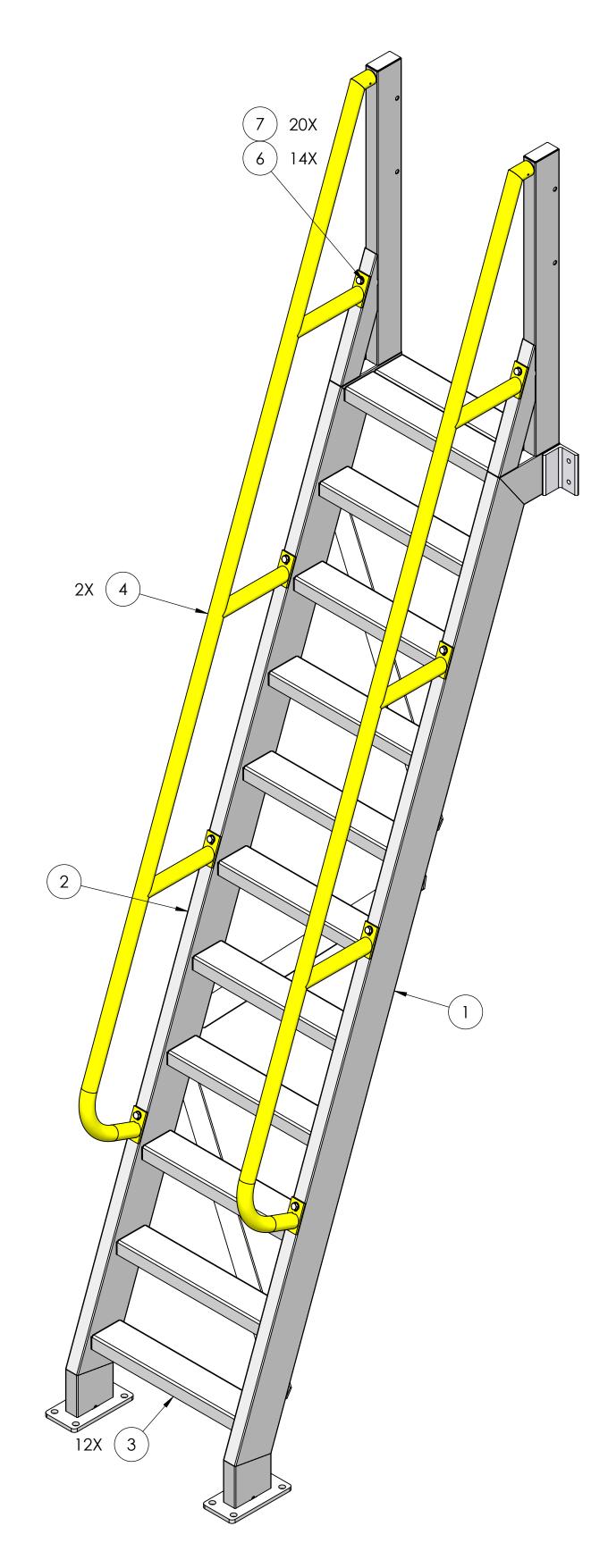
5/16"

| 0S-117TOW-LADDER-A | Ν | | SHEET: |
|--------------------|---------|---------|----------------|
| | | | 2 OF 2 |
|)946 | FINISH: | PER BOM | SCALE: 1:18 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |

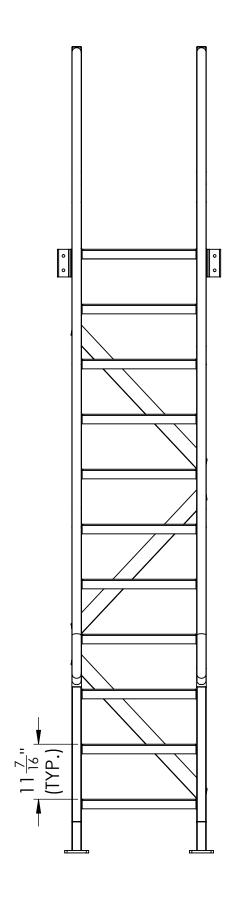
| | | BOM Table | |
|---------------|-----|--|--------|
| MINOR MARK | QTY | PartName | ABAS |
| 1 | 1 | es-sl-al-11s-126tow-ladder-rh-w | 169237 |
| 2 | 1 | es-sl-al-11s-126tow-ladder-lh-w | 110923 |
| 3 | 12 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 |
| 4 | 2 | es-sl-al-11s-126tow-handrail-w | 110851 |
| 5 | 3 | es-stair-underbrace | 54129 |
| 6 | 14 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 |
| 7 | 20 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 |
| 8 | 96 | RIVET - 1/4"x1/2" GRIP AL | 11143 |
| 9 | 11 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 |

| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

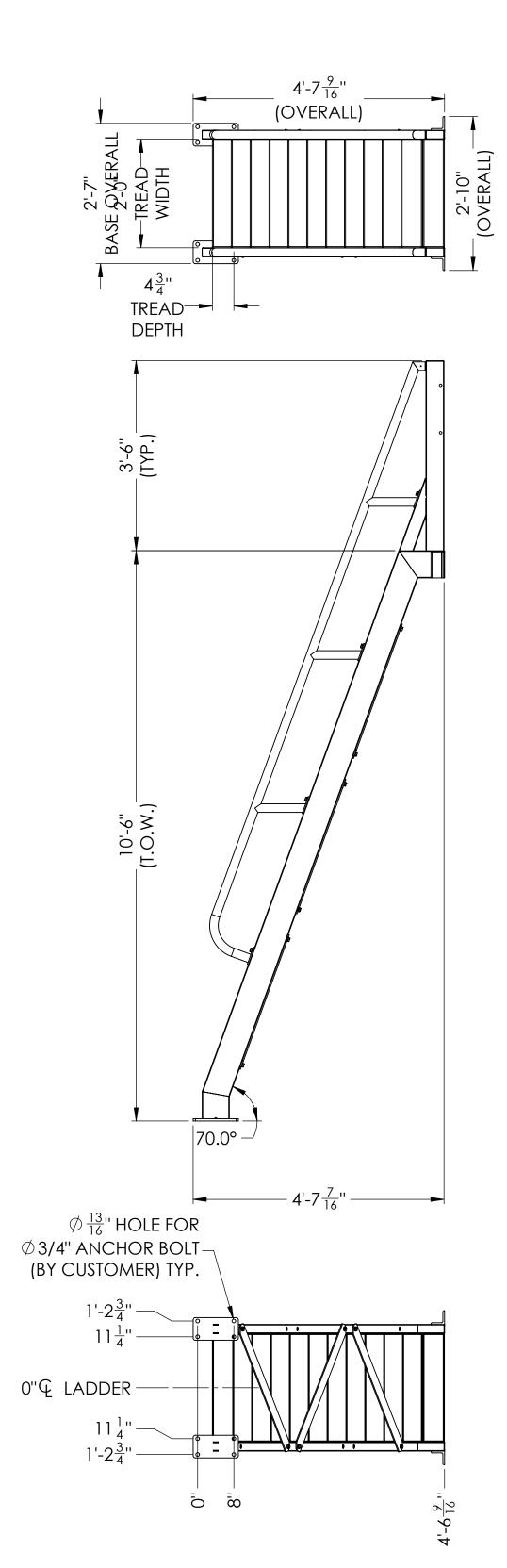
| PRC A | ISTOMER IS RESPONSIBLE FOR DVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | |
|----------|--|--------------|-----------------|---|---|--|--------------|------------------------|
| | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING STANDARDS SEAL WELD UNLESS OTHERWISE NOTED USE FILLETS LISTED BELOW UNLESS OTHERWISE NOTED | CONTAINED HEREIN | | ES-SL-AL-11S- |
| | | | PROJECTION | X =+.1 | Material Thickness of Minimum Fille Thinner Part Joined (inch) Size - S (inch) To 1/4" 1/8" | IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY | PERFECT/ASTE | P ABAS #: 11094 |
| Α | UPDATED PER DD-23-0011 | 11/29/23 ESC | | | Over 1/4" to 1/2" 3/16" | FORM WITHOUT PRIOR WRITTEN CONSENT OF | | |
| # | DESCRIPTION | DATE BY | THIRD ANGL | E ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Image: Constraint of the second sec | PERFECTASTEP | | |

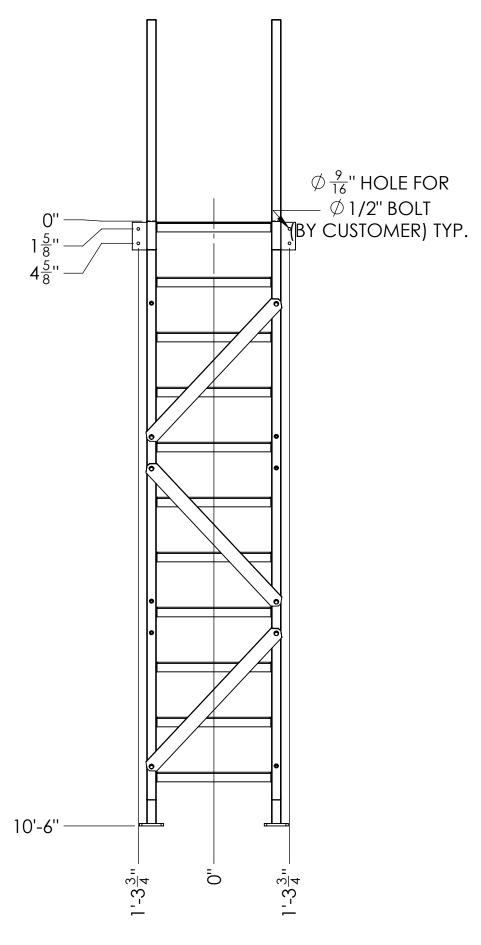


| 1S-126TOW-LADDER-A | 4 | | SHEET: |
|--------------------|---------|---------|----------------|
| | - | | 1 OF 2 |
|)947 | FINISH: | PER BOM | SCALE: 1:10 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |



| CUSTOMER IS RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORT AND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | |
|--|--------------|---|--|-----------------------|------|
| | | DO NOT TOLERANCES: PERFECTASTEP WELDING STANDARDS SCALE UNLESS OTHERWISE SPECIFIED PERFECTASTEP WELDING STANDARDS USE FILLETS LISTED BELOW UNLESS OTHERWISE NOTED CONTAINED HERE | ES-SL-AL-11S-126TOW-LADDER-A | SHEET | |
| | | PROJECTION: $X'' = \pm \frac{1}{32}''$ Material Thickness of Thinner Part Joined (inch)Minimum Fillet Size - S (inch)IS CONFIDENTIAL AND PROPRIETAR' AND MAY NOT BE DISCLOSED IN AN | PERFECT/ASTEP ABAS #: 110947 FINISH: | PER BOM SCALE 1:20 | ALE: |
| A UPDATED PER DD-23-0011 | 11/29/23 ESC | $\begin{array}{c c} & XX &= \pm .03 \\ \hline & XXX &= \pm .010 \end{array} \qquad \begin{array}{c c} & Over 1/4" \text{ to } 1/2" \\ \hline & VXX &= \pm .010 \end{array} \qquad \begin{array}{c c} & Over 1/4" \text{ to } 1/2" \\ \hline & VRITTEN CONSEN \end{array}$ | OR OF DETAIL: ENG: | SIZE: | D |
| # DESCRIPTION | DATE BY | THIRD ANGLEANGULAR: $+/-\frac{1}{2}^{\circ}$ Third over 1/2" to 3/4"1/4"PERFECTASTEP $1/4$ | CHECK: DRAFT: | REV: | A |

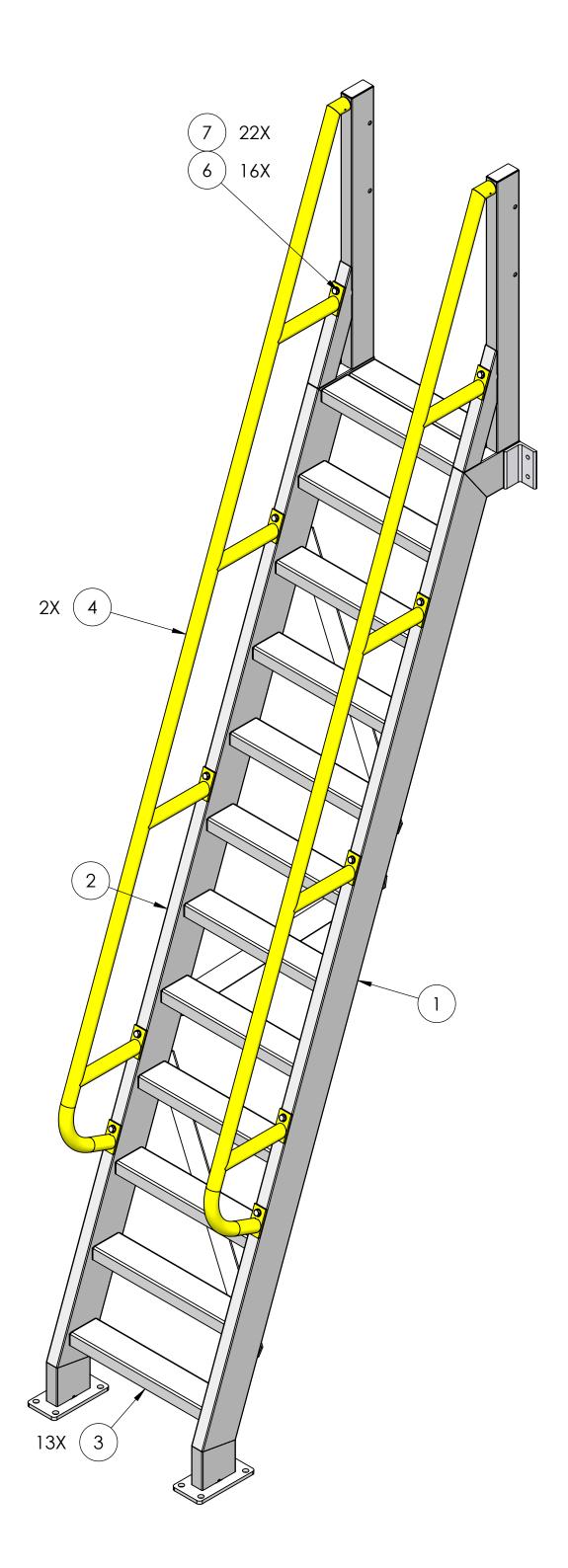


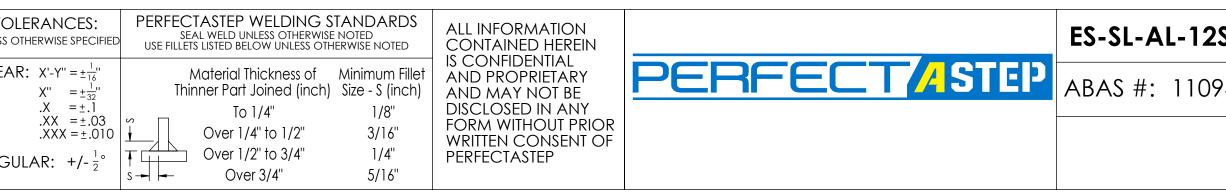


| | | BOM Table | |
|---------------|-----|--|--------|
| MINOR MARK | QTY | PartName | ABAS |
| 1 | 1 | es-sl-al-12s-135tow-ladder-rh-w | 169238 |
| 2 | 1 | es-sl-al-12s-135tow-ladder-lh-w | 110924 |
| 3 | 13 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 |
| 4 | 2 | es-sl-al-12s-135tow-handrail-w | 110852 |
| 5 | 3 | es-stair-underbrace | 54129 |
| 6 | 16 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 |
| 7 | 22 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 |
| 8 | 104 | RIVET - 1/4"x1/2" GRIP AL | 11143 |
| 9 | 12 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 |

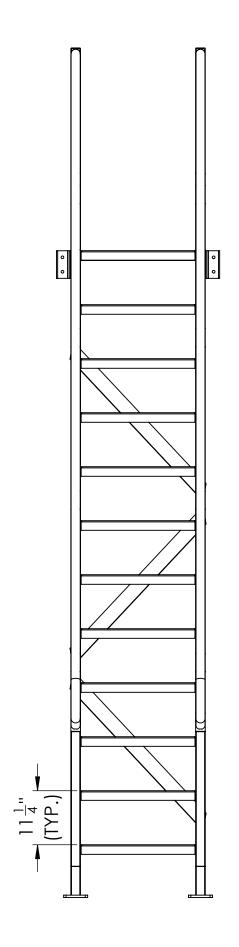
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|---|----------|-----|-----------------|-------------------|
| | | | | DO NOT SCALE | TOLE UNLESS OT |
| | | | | | LINEAR |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |

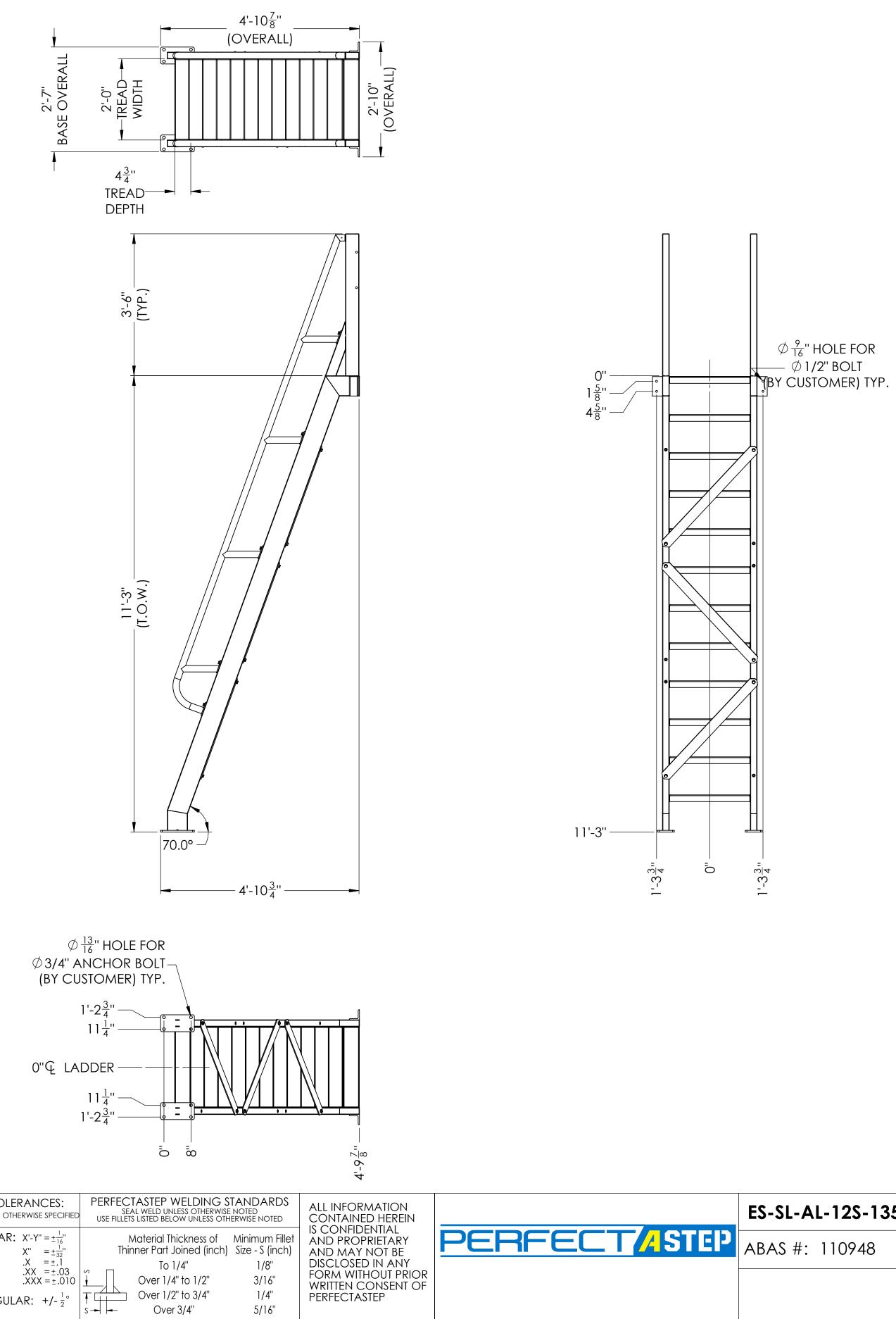




| 2S-135TOW-LADDER-A | 7 | | SHEET: |
|--------------------|---------|---------|----------------|
| | • | | 1 OF 2 |
| 0948 | FINISH: | PER BOM | SCALE: 1:12 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |



| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|---|----------|-----|-----------------|--------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR |
| | | | | | |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |

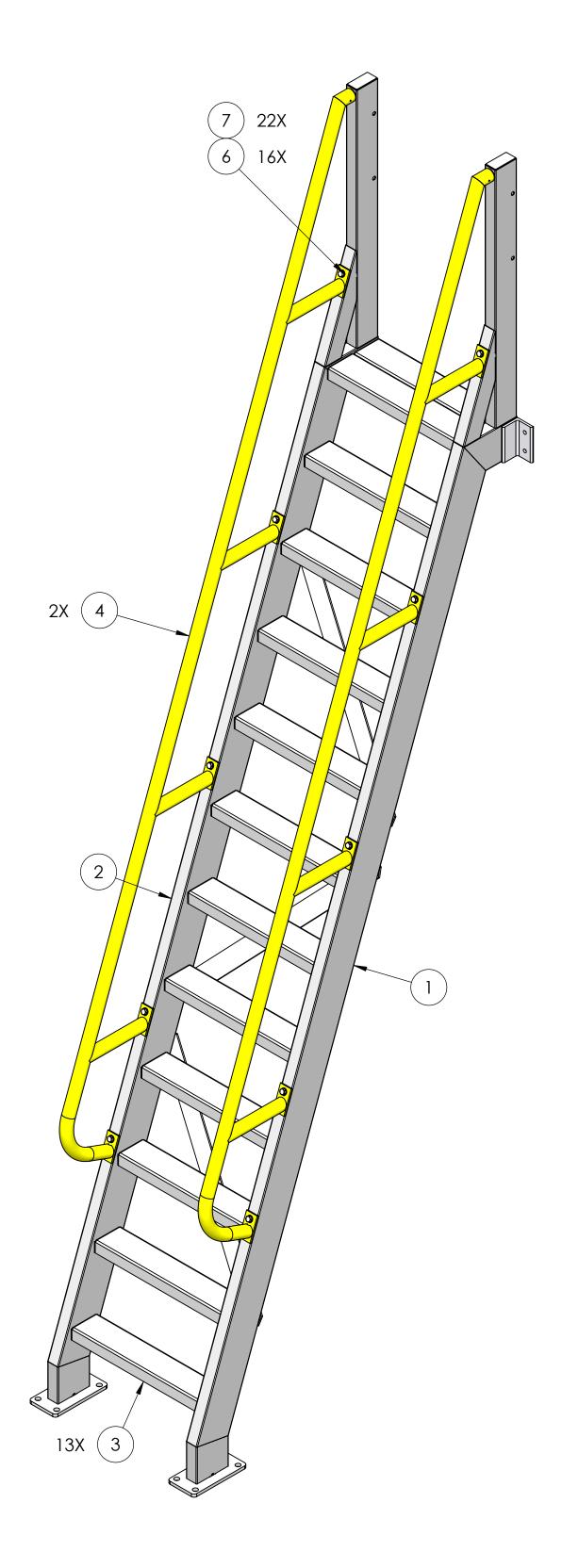


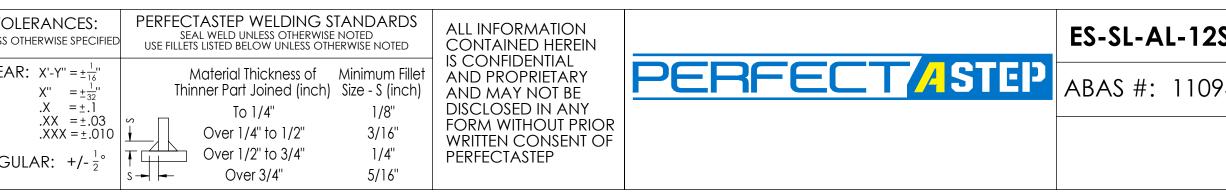
| 2S-135TOW-LADDER-A | 1 | | SHEET: |
|--------------------|---------|---------|----------------|
| | | | 2 OF 2 |
|)948 | FINISH: | PER BOM | SCALE: 1:20 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |

| | | BOM Table | |
|---------------|-----|--|--------|
| MINOR MARK | QTY | PartName | ABAS |
| 1 | 1 | es-sl-al-12s-144tow-ladder-rh-w | 169239 |
| 2 | 1 | es-sl-al-12s-144tow-ladder-lh-w | 110925 |
| 3 | 13 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 |
| 4 | 2 | es-sl-al-12s-144tow-handrail-w | 110853 |
| 5 | 3 | ES-STAIR-UNDERBRACE | 54129 |
| 6 | 16 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 |
| 7 | 22 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 |
| 8 | 104 | RIVET - 1/4"x1/2" GRIP AL | 11143 |
| 9 | 12 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 |

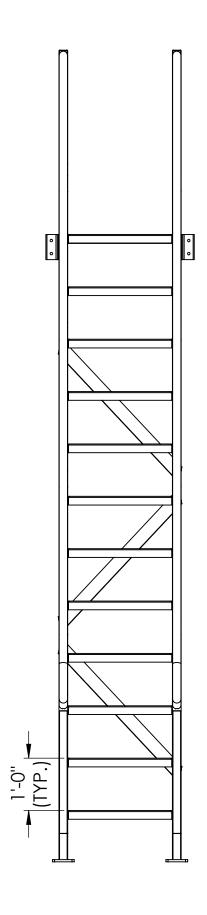
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | JSTOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT AND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|---|----------|-----|-----------------|--------------------|
| | | | | DO NOT SCALE | TOLE UNLESS OTH |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |

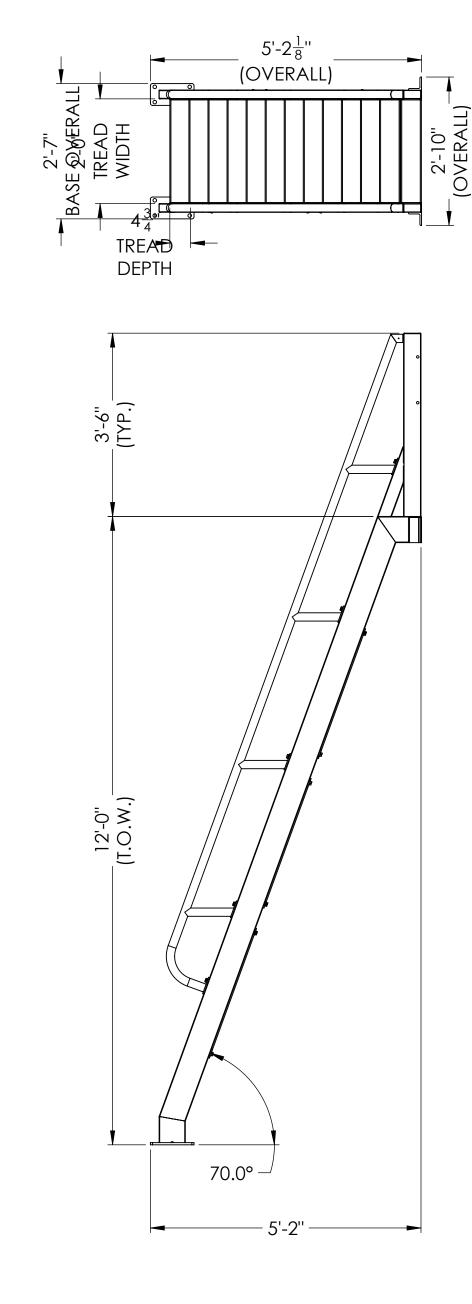


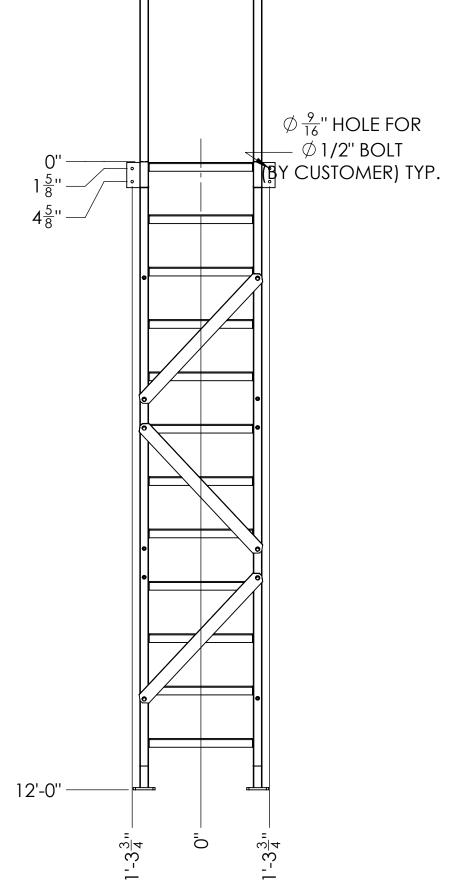


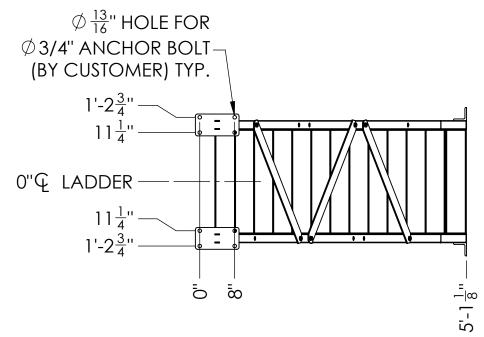
| 2S-144TOW-LADDER-A | 4 | | SHEET: |
|--------------------|---------|---------|----------------|
| | - | | 1 OF 2 |
|)949 | FINISH: | PER BOM | SCALE: 1:12 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |

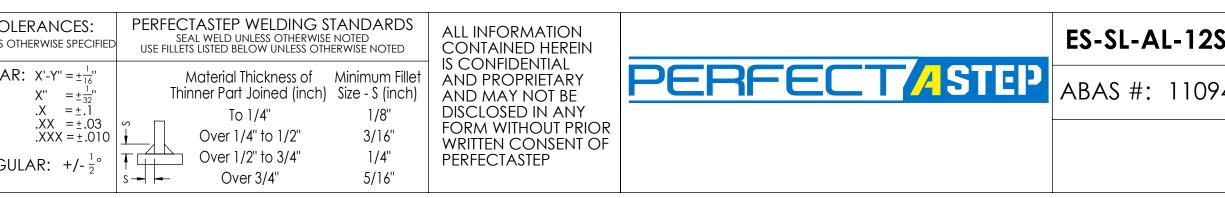


| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|--------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |







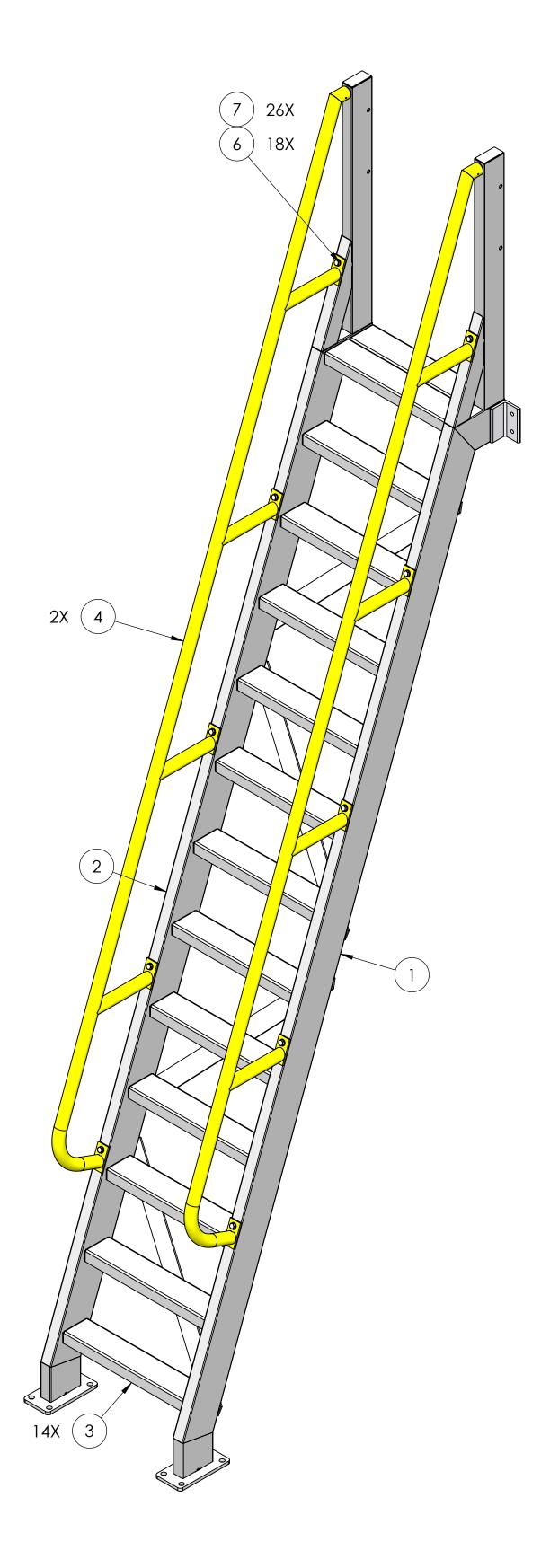


| 2S-144TOW-LADDER-A | | | SHEET: |
|---------------------|---------|--------|------------------|
| 23-1441011-LADDLK-P | ٩ | | 2 OF 2 |
|)949 | FINISH: | PER BC | M SCALE: 1:22 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |

| | | BOM Table | |
|---------------|-----|--|--------|
| MINOR MARK | QTY | PartName | ABAS |
| 1 | 1 | es-sl-al-13s-153tow-ladder-rh-w | 169240 |
| 2 | 1 | es-sl-al-13s-153tow-ladder-lh-w | 110926 |
| 3 | 14 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 |
| 4 | 2 | es-sl-al-13s-153tow-handrail-w | 110854 |
| 5 | 4 | es-stair-underbrace | 54129 |
| 6 | 18 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 |
| 7 | 26 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 |
| 8 | 112 | RIVET - 1/4"x1/2" GRIP AL | 11143 |
| 9 | 13 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 |

| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

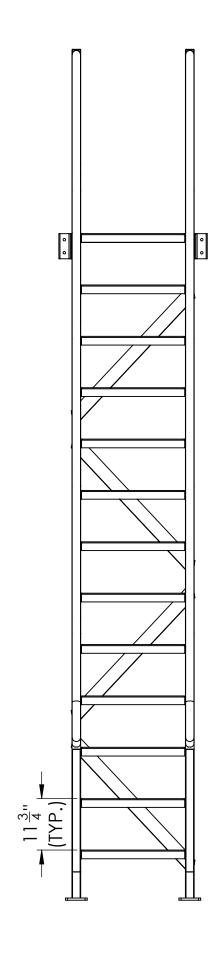
| CUSTOMER IS RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORT AND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | | | |
|--|----------|-----|-----------------|---|--|---|--|---------|-----|
| | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING SEAL WELD UNLESS OTHERW USE FILLETS LISTED BELOW UNLESS O | STANDARDS ISE NOTED ITHERWISE NOTED | ALL INFORMATION CONTAINED HEREIN | | |
| | | | PROJECTION | .X = ±.1 | Material Thickness of Thinner Part Joined (incl To 1/4" | | IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY | PERFECT | STE |
| A UPDATED PER DD-23-0011 | 11/29/23 | ESC | | | Over 1/4" to 1/2" | 3/16" | FORM WITHOUT PRIOR WRITTEN CONSENT OF | | |
| # DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Over 1/2" to 3/4" s - Over 3/4" | 1/4" 5/16" | PERFECTASTEP | | |



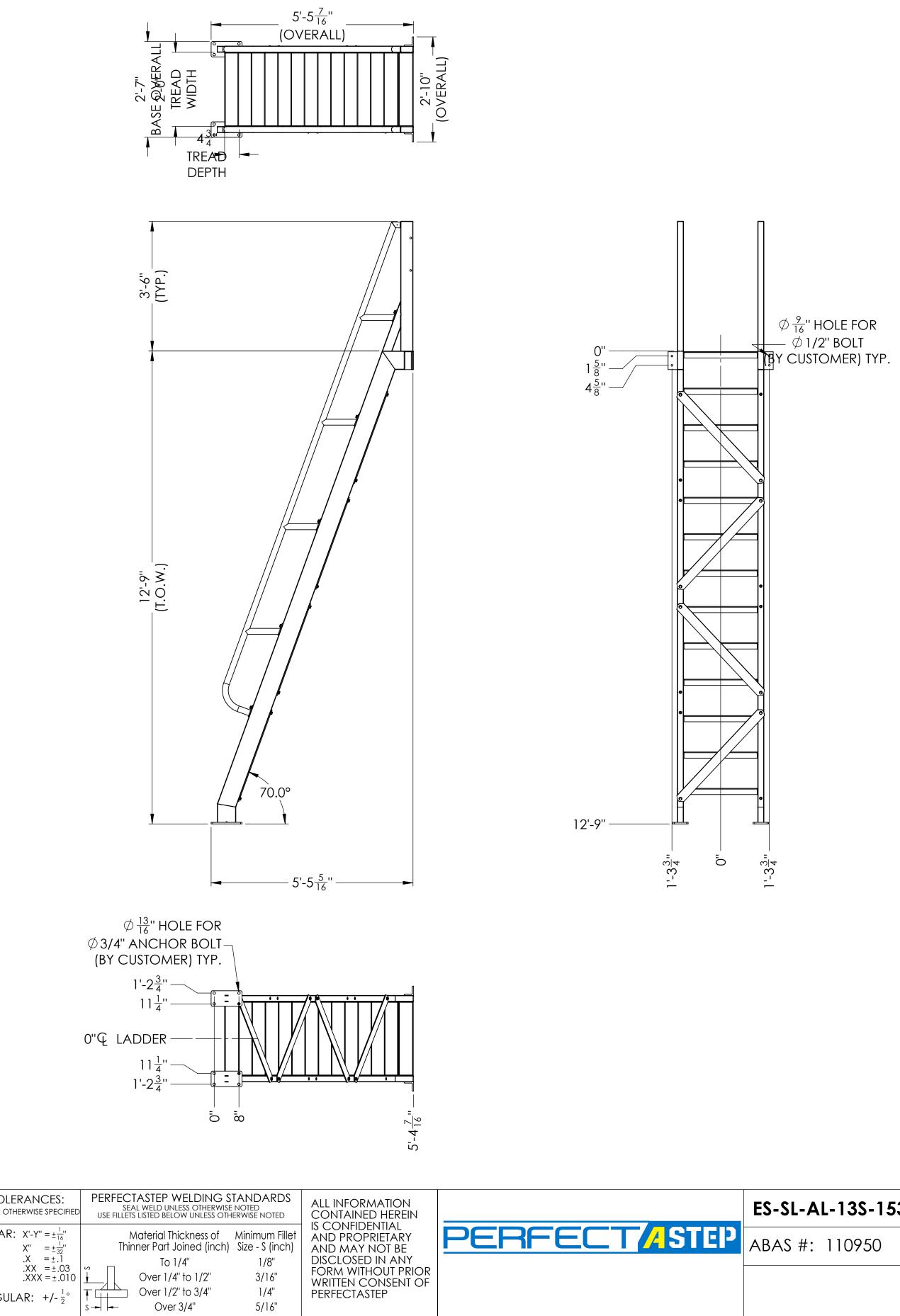
ES-SL-AL-13S

EP ABAS #: 1109

| 3S-153TOW-LADDER-A | | | | | |
|--------------------|-----------------|--------|---------|--|--|
| 0950 | FINISH: PER BOM | | | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |



| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | |
|-----|---|----------|-----|-----------------|---|-------------------|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | F |
| | | | | | LINEAR: X'-Y'' = $\pm \frac{1}{16}$ '' X'' = $\pm \frac{1}{32}$ ''' .X = $\pm .1$ | |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX = ±.03 .XXX = ±.010 | F S |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | ↑ S − |



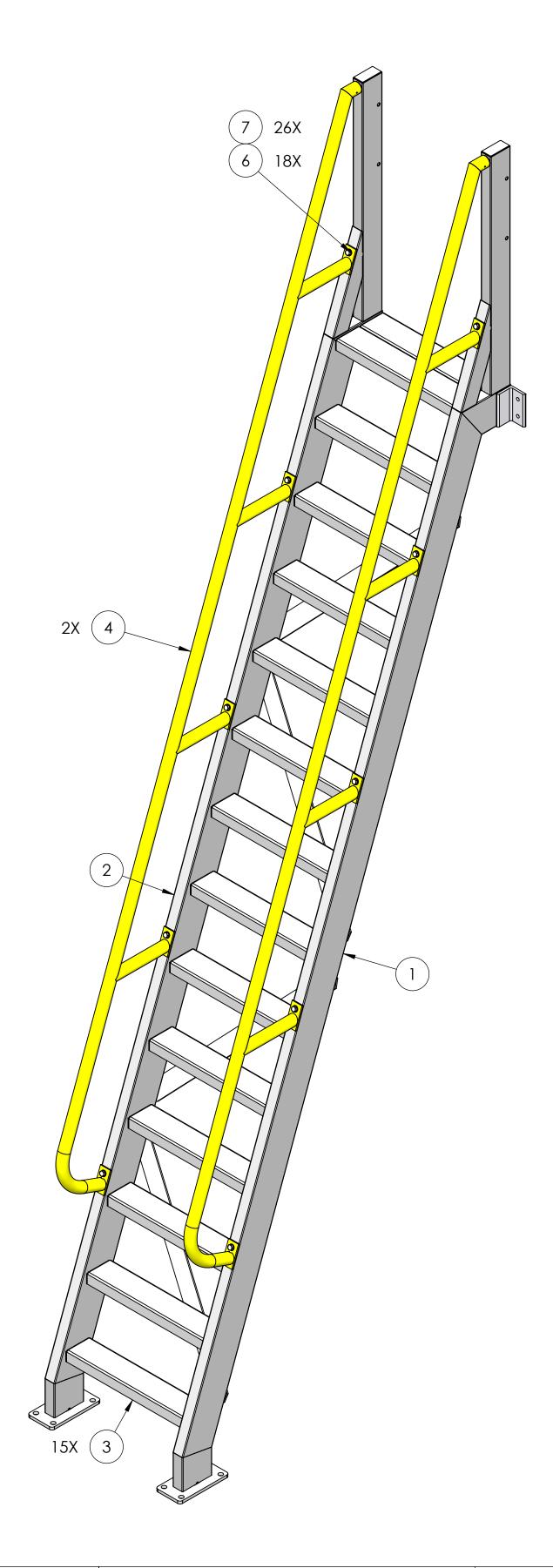
5/16"

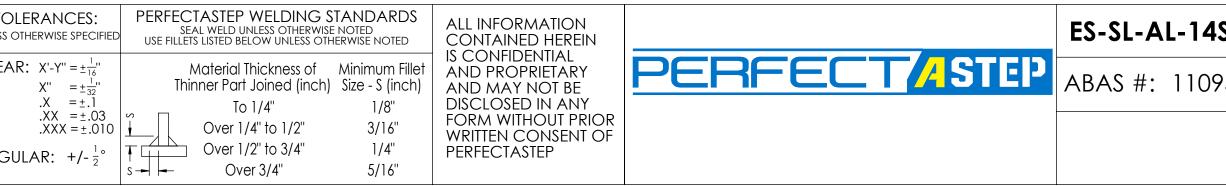
| 3S-153TOW-LADDER-A | 1 | | SHEET: |
|--------------------|---------|---------|----------------|
| | | | 2 OF 2 |
| 950 | FINISH: | PER BOM | SCALE: 1:22 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |

| | | BOM Table | |
|---------------|-----|--|--------|
| MINOR MARK | QTY | PartName | ABAS |
| 1 | 1 | es-sl-al-14s-162tow-ladder-rh-w | 169241 |
| 2 | 1 | es-sl-al-14s-162tow-ladder-lh-w | 110927 |
| 3 | 15 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 |
| 4 | 2 | es-sl-al-14s-162tow-handrail-w | 110855 |
| 5 | 4 | es-stair-underbrace | 54129 |
| 6 | 18 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 |
| 7 | 26 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 |
| 8 | 120 | RIVET - 1/4"x1/2" GRIP AL | 11143 |
| 9 | 14 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 |

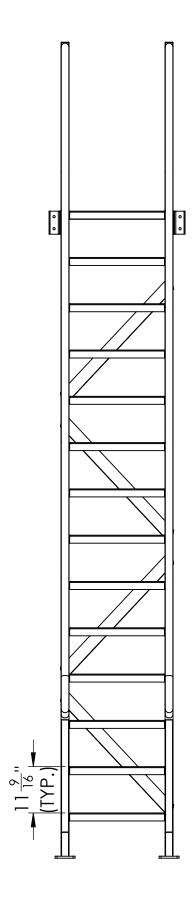
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|---------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |



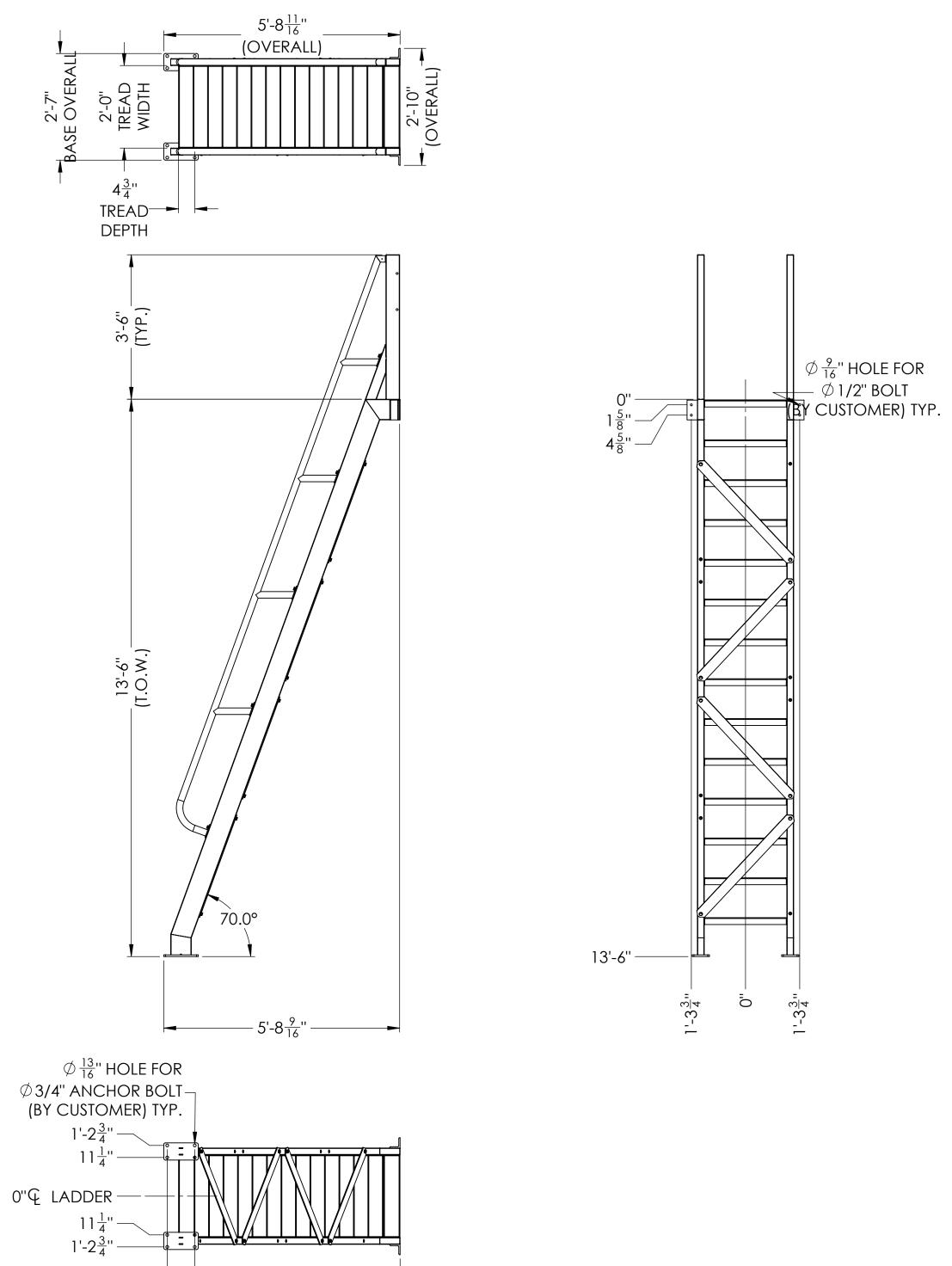


| 4S-162TOW-LADDER-A | 7 | | SHEET: |
|--------------------|---------|---------|----------------|
| | • | | 1 OF 2 |
| 0951 | FINISH: | PER BOM | SCALE: 1:12 |
| | DETAIL: | ENG: | SIZE: D |
| | CHECK: | DRAFT: | REV: A |



| CUSTOMER IS RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORT AND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | | | |
|--|----------|-----------------|---|--|--------------|--------------------------|---------|---------|-----------------------------|
| | | DO NOT SCALE | | THERWISE NOTED | | ES-SL-AL-14S-162TOW-LADD | ER-A | | SHEET: |
| | | | $X = \pm .1$ | | PERFECTASTEP | ABAS #: 110951 | FINISH: | PER BOI | 2 OF 2 DM SCALE: 1:24 |
| A UPDATED PER DD-23-0011 | 11/29/23 | ESC \oplus - | | 3/16" FORM WITHOUT PRIOR WRITTEN CONSENT OF | | | DETAIL: | ENG: | SIZE: D |
| # DESCRIPTION | DATE | BY THIRD ANG | GLEANGULAR:+/- $\frac{1}{2}^{\circ}$ TOver 1/2" to 3/4"SOver 3/4" | 1/4" PERFECTASTEP 5/16" | | | CHECK: | DRAFT: | REV: A |

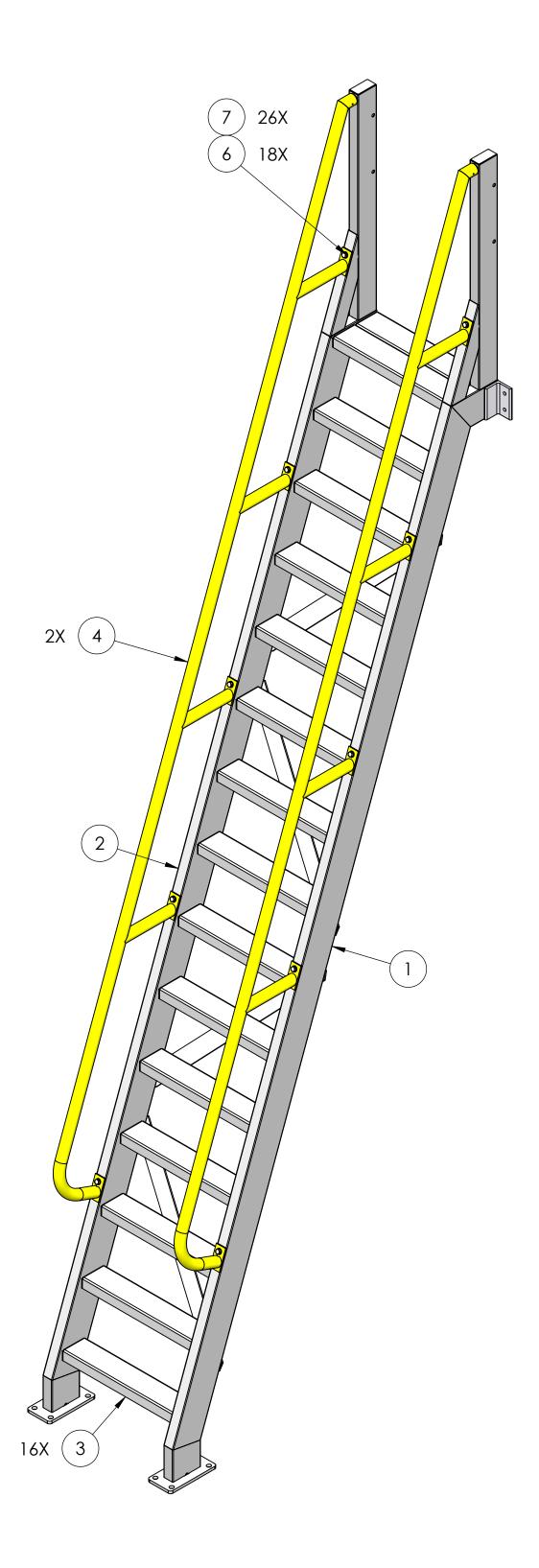
5'-7<u>11</u>'

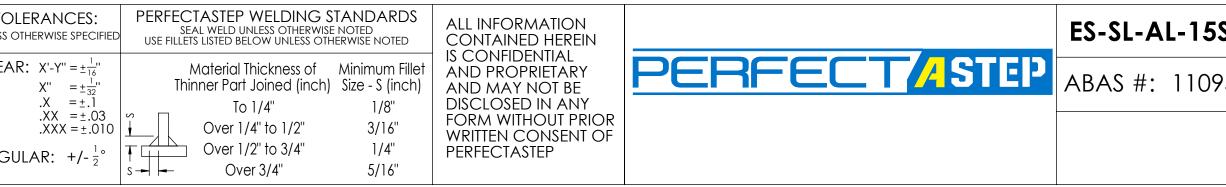


| BOM Table | | | | | |
|---------------|-----|--|--------|--|--|
| MINOR MARK | QTY | PartName | ABAS | | |
| 1 | 1 | es-sl-al-15s-171tow-ladder-rh-w | 169242 | | |
| 2 | 1 | es-sl-al-15s-171tow-ladder-lh-w | 110928 | | |
| 3 | 16 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | | |
| 4 | 2 | es-sl-al-15s-171tow-handrail-w | 110856 | | |
| 5 | 4 | es-stair-underbrace | 54129 | | |
| 6 | 18 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | | |
| 7 | 26 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | | |
| 8 | 128 | RIVET - 1/4"x1/2" GRIP AL | 11143 | | |
| 9 | 15 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | | |

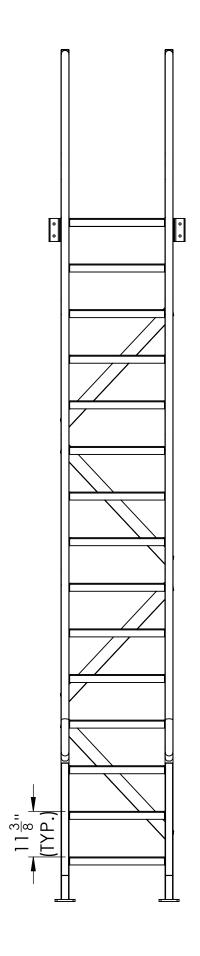
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|--------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |

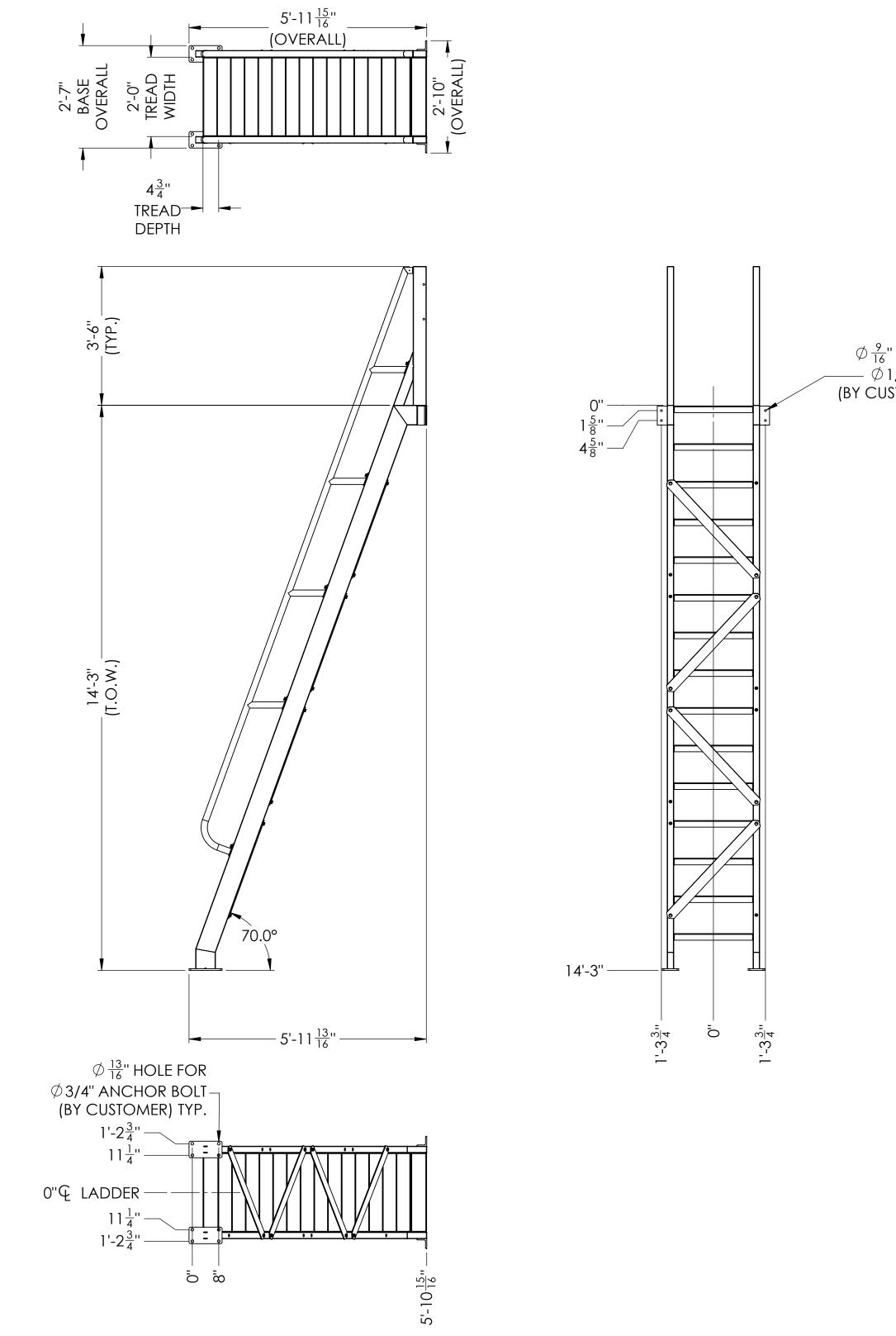


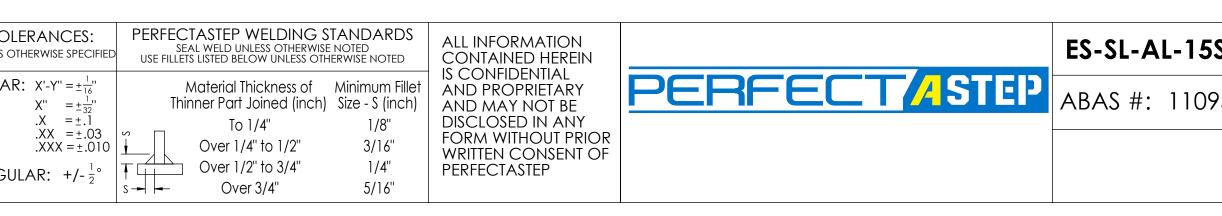


| 5S-171TOW-LADDER-A | | | | |
|--------------------|---------|---------|----------------|--|
| | | | | |
| 0952 | FINISH: | PER BOM | SCALE: 1:14 | |
| | DETAIL: | ENG: | SIZE: D | |
| | CHECK: | DRAFT: | REV: A | |



| PR | ISTOMER IS RESPONSIBLE FOR DVIDING ADEQUATE SUPPORT IND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|----|---|----------|-----|-----------------|--------|
| | | | | DO NOT SCALE | TOLE |
| | | | | | LINEAR |
| | | | | | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | ΒY | THIRD ANGLE | ANGUL |



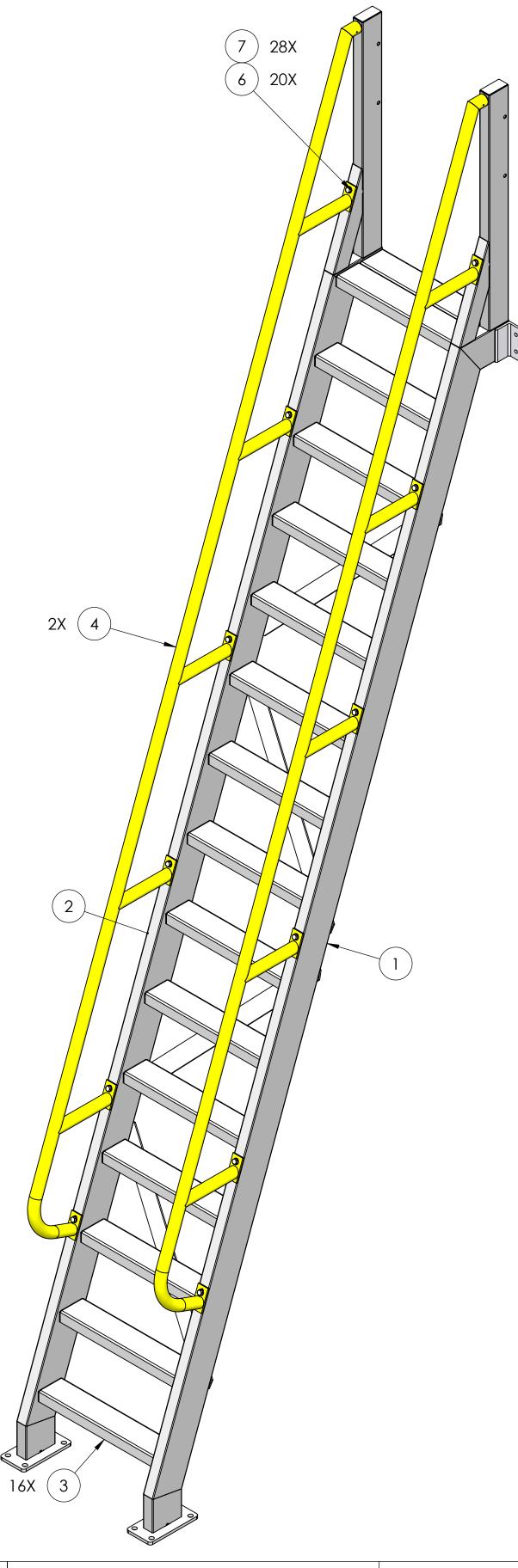


| 5S-171TOW-LADDER-A | | | | | |
|--------------------|---------|---------|----------------|--|--|
| | | | | | |
|)952 | FINISH: | PER BOM | SCALE: 1:24 | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |

| BOM Table | | | | | |
|---------------|---------------------|--|--------|--|--|
| MINOR MARK | $P(Y N(YY) \Delta)$ | | | | |
| 1 | 1 | es-sl-al-15s-180tow-ladder-rh-w | 169243 | | |
| 2 | 1 | es-sl-al-15s-180tow-ladder-lh-w | 110929 | | |
| 3 | 16 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | | |
| 4 | 2 | es-sl-al-15s-180tow-handrail-w | 110857 | | |
| 5 | 4 | es-stair-underbrace | 54129 | | |
| 6 | 20 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | | |
| 7 | 28 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | | |
| 8 | 128 | RIVET - 1/4"x1/2" GRIP AL | 11143 | | |
| 9 | 15 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | | |

| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|-----------------------|
| | | | | DO NOT SCALE | TOLER UNLESS OTHER |
| | | | | | LINEAR: 2 |
| | | | | PROJECTION: | |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULA |

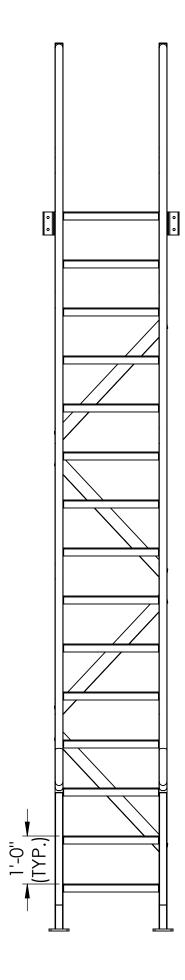


| ERANCES: HERWISE SPECIFIED | SEA | ASTEP WELDING S AL WELD UNLESS OTHERWISE IS LISTED BELOW UNLESS OTH | NOTED |
|---|-----|---|--|
| : $X'-Y'' = \pm \frac{1}{16}''$ $X'' = \pm \frac{1}{32}''$ $X = \pm .1$ $.XX = \pm .03$ $.XXX = \pm .010$ | | Material Thickness of Iner Part Joined (inch) To 1/4" Over 1/4" to 1/2" Over 1/2" to 3/4" | Minimum Fillet Size - S (inch) 1/8" 3/16" 1/4" |
| $_AR: +/-\frac{1}{2}^{\circ}$ | | Over 3/4" | 5/16" |

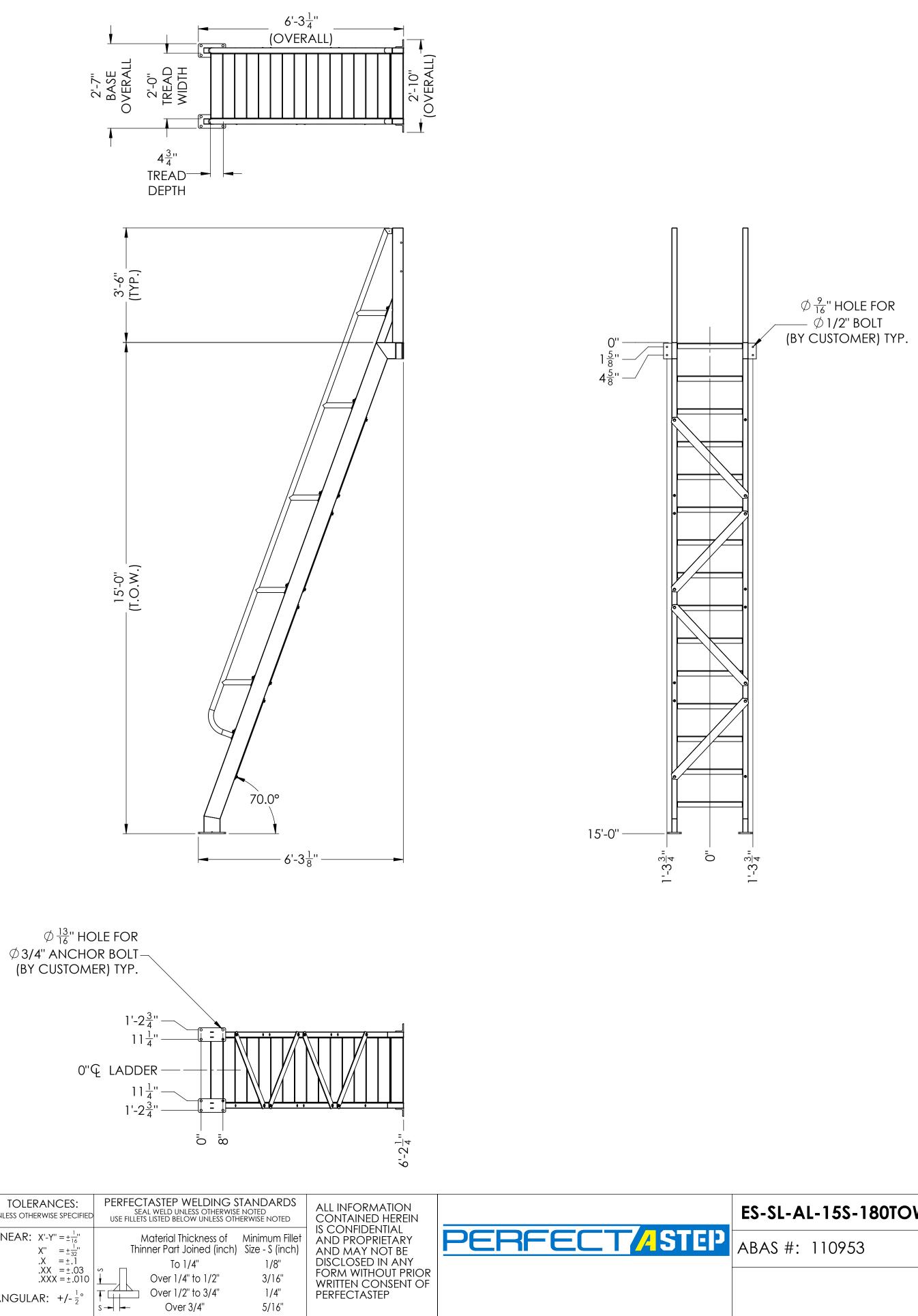
ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY FORM WITHOUT PRIOR WRITTEN CONSENT OF PERFECTASTEP



| 5S-180TOW-LADDER-A | | | | | | |
|--------------------|---------|---------|----------------|--|--|--|
| | | | | | | |
| 0953 | FINISH: | PER BOM | SCALE: 1:12 | | | |
| | DETAIL: | ENG: | SIZE: D | | | |
| | CHECK: | DRAFT: | REV: A | | | |



| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|-------------------|
| | | | | DO NOT SCALE | TOLI UNLESS OT |
| | | | | | LINEAR |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUI |

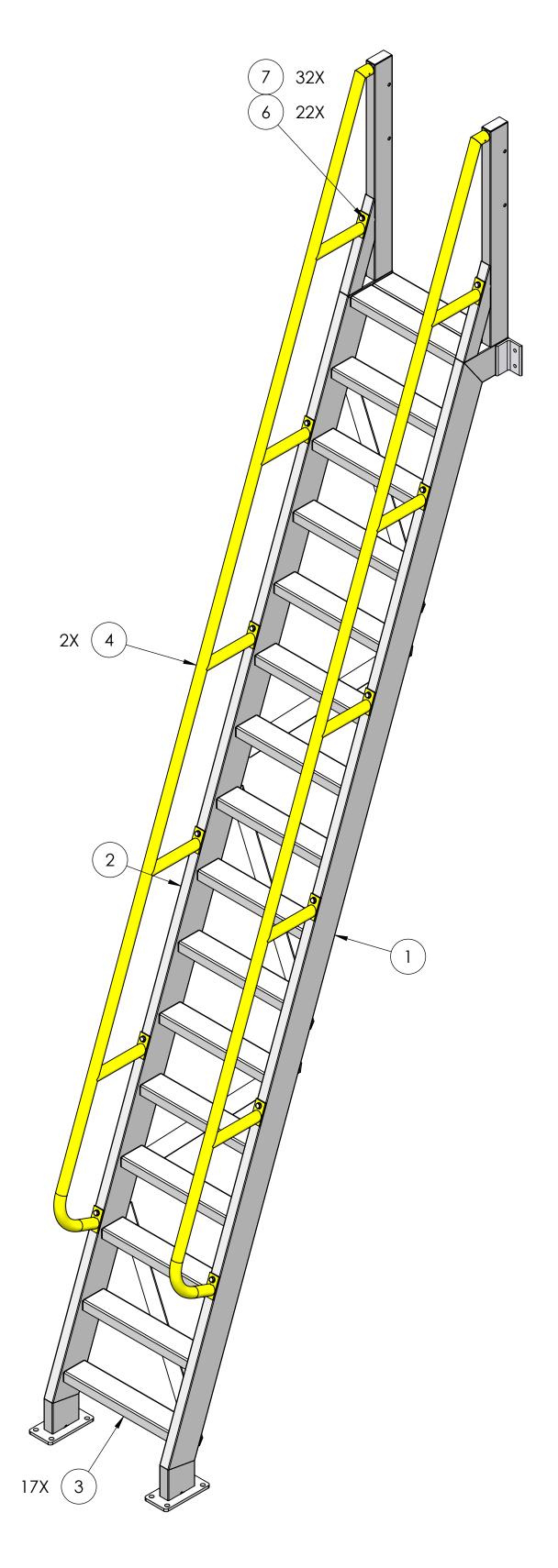


| 5S-180TOW-LADDER-A | | | | | | |
|--------------------|---------|---------|------------------|--|--|--|
| | | | | | | |
|)953 | FINISH: | PER BON | A SCALE: 1:24 | | | |
| | DETAIL: | ENG: | SIZE: D | | | |
| | CHECK: | DRAFT: | REV: A | | | |

| | | BOM Table | | | |
|---------------|--------------------|--|--------|--|--|
| MINOR MARK | $P(Y X)(Y) \Delta$ | | | | |
| 1 | 1 | es-sl-al-16s-189tow-ladder-rh-w | 169244 | | |
| 2 | 1 | es-sl-al-16s-189tow-ladder-lh-w | 110930 | | |
| 3 | 17 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | | |
| 4 | 2 | ES-SL-AL-16S-189TOW-HANDRAIL-W | 110858 | | |
| 5 | 5 | es-stair-underbrace | 54129 | | |
| 6 | 22 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | | |
| 7 | 32 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | | |
| 8 | 136 | RIVET - 1/4''x1/2'' GRIP AL | 11143 | | |
| 9 | 16 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | | |

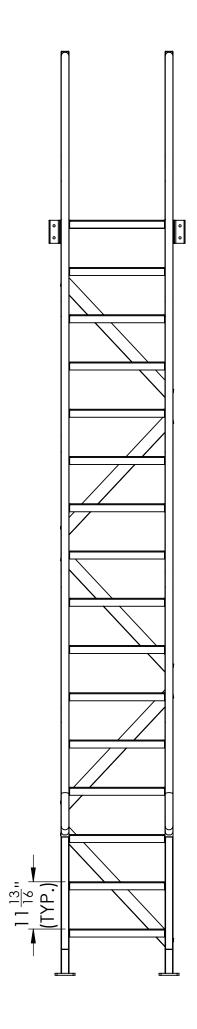
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| CUSTOMER IS RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORT AND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | |
|--|----------|-----|-----------------|---|---|--|--------|
| | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING STANDARDS SEAL WELD UNLESS OTHERWISE NOTED USE FILLETS LISTED BELOW UNLESS OTHERWISE NOTED | CONTAINED HEREIN | |
| | | | | $X = \pm .1$ | Material Thickness of Minimum Fille Thinner Part Joined (inch) Size - S (inch) To 1/4" 1/8" | AND MAY NOT BE DISCLOSED IN ANY | PERFEC |
| A UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX = ±.03 .XXX = ±.010 | Over 1/4" to 1/2" 3/16" | FORM WITHOUT PRIOR WRITTEN CONSENT OF | |
| # DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Over 1/2" to 3/4" 1/4" S - Over 3/4" 5/16" | PERFECTASTEP | |

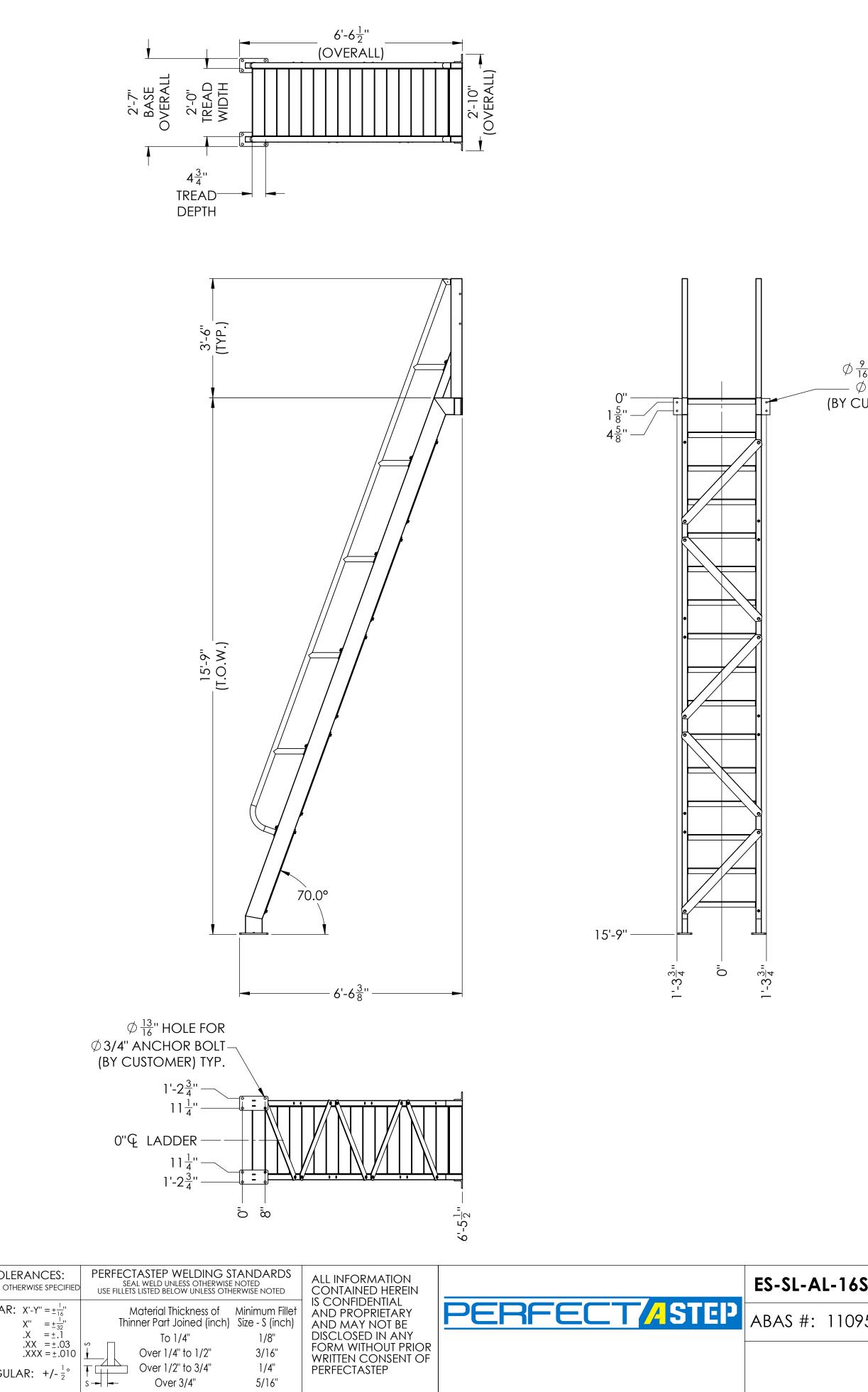




| 6S-189TOW-LADDER-A | | | | | |
|--------------------|---------|---------|----------------|--|--|
| | | | | | |
|)954 | FINISH: | PER BOM | SCALE: 1:14 | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |



| PRC | STOMER IS RESPONSIBLE FOR DVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|---|----------|-----|-----------------|--------------------|
| | | | | DO NOT SCALE | TOLE UNLESS OTH |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |



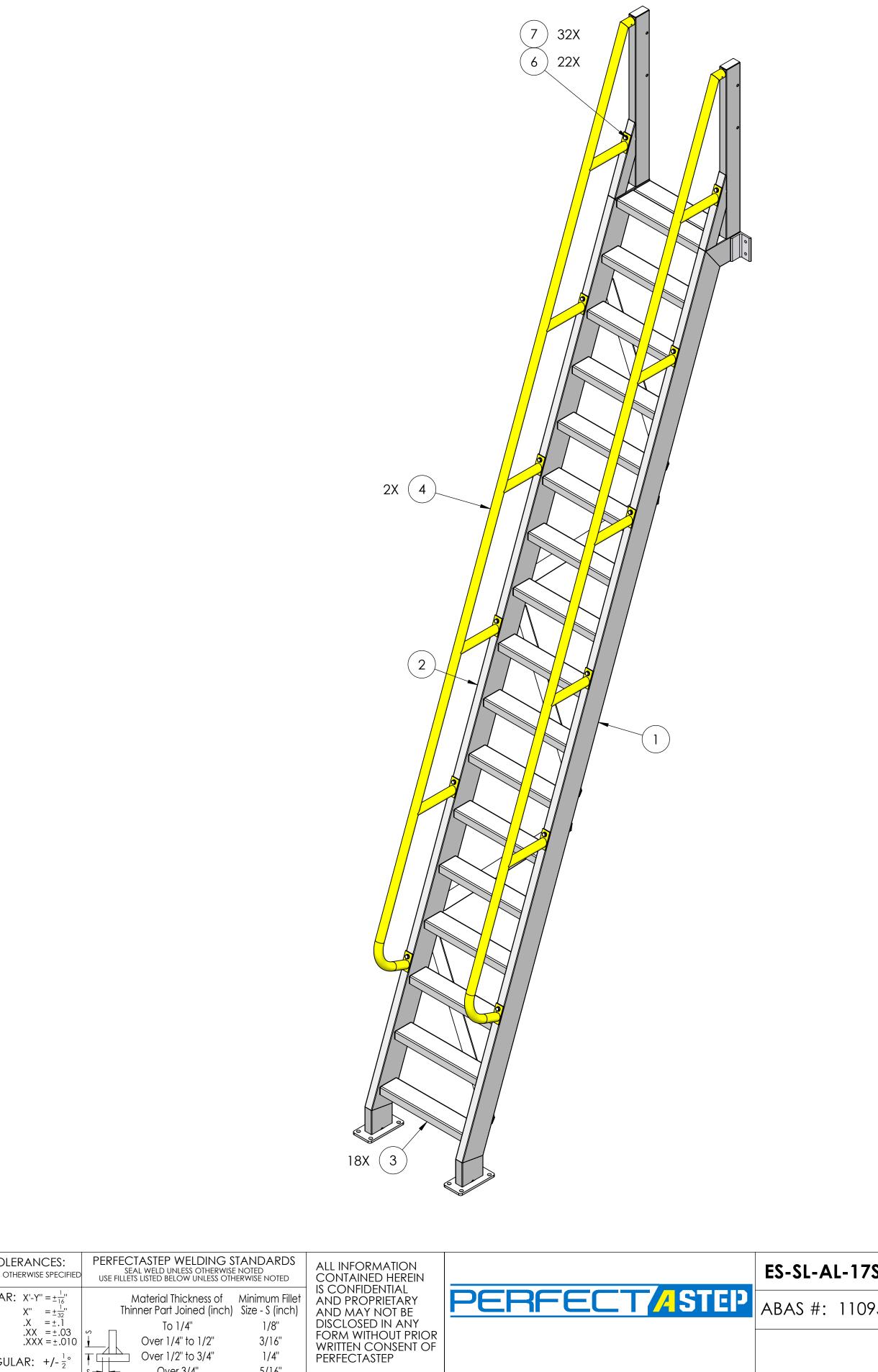
 $arrow rac{9}{16}$ " HOLE FOR — arrow 0 1/2" BOLT (BY CUSTOMER) TYP.

| 6S-189TOW-LADDER-A | | | | | |
|--------------------|---------|---------|----------------|--|--|
| | | | | | |
|)954 | FINISH: | PER BOM | SCALE: 1:24 | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |

| | | BOM Table | |
|---------------|-----|--|--------|
| MINOR MARK | QTY | PartName | ABAS |
| 1 | 1 | es-sl-al-17s-198tow-ladder-rh-w | 169245 |
| 2 | 1 | es-sl-al-17s-198tow-ladder-lh-w | 110931 |
| 3 | 18 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 |
| 4 | 2 | es-sl-al-17s-198tow-handrail-w | 110859 |
| 5 | 5 | ES-STAIR-UNDERBRACE | 54129 |
| 6 | 22 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 |
| 7 | 32 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 |
| 8 | 144 | RIVET - 1/4"x1/2" GRIP AL | 11143 |
| 9 | 17 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 |

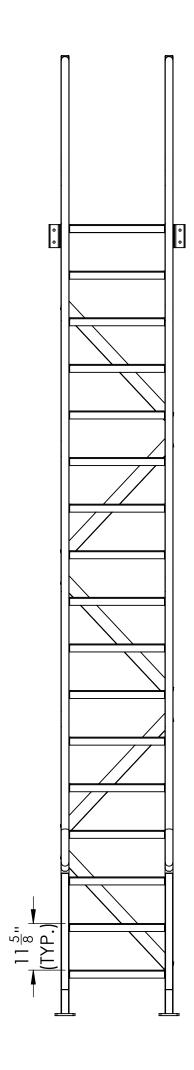
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | ISTOMER IS RESPONSIBLE FOR DVIDING ADEQUATE SUPPORT IND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|---|----------|-----|-----------------|------------------------|
| | | | | DO NOT SCALE | TOLERA UNLESS OTHER |
| | | | | | LINEAR: X X |
| Α | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULA |

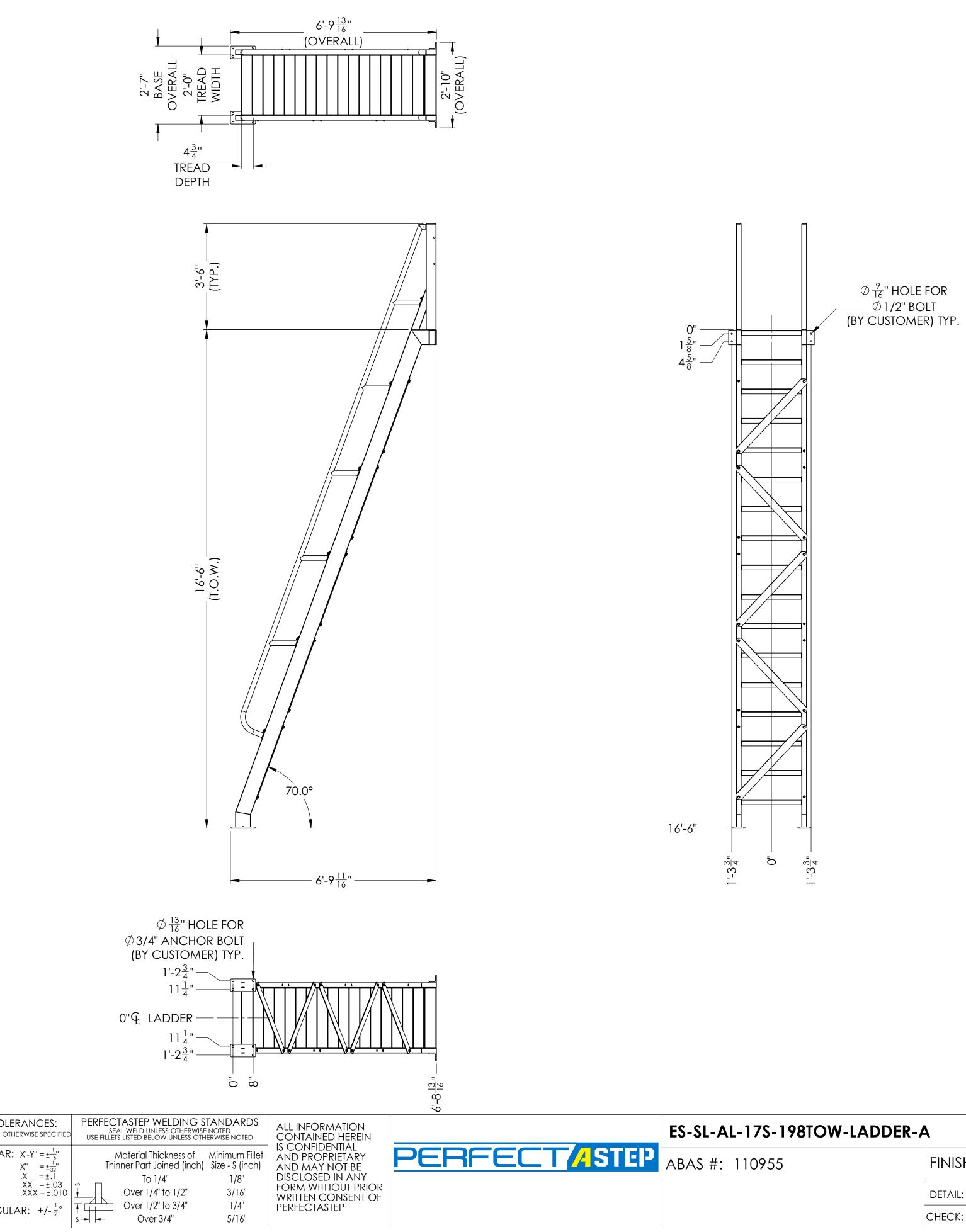


| HERWISE SPECIFIED | | LISTED BELOW UNLESS OTH | |
|--|----------|---|-----------------------------------|
| $X'-Y'' = \pm \frac{1}{16}'' X'' = \pm \frac{1}{32}''$ | | Naterial Thickness of ner Part Joined (inch) | Minimum Fillet Size - S (inch) |
| $.X = \pm .1$ $.XX = \pm .03$ | s 🗆 | To 1/4" | 1/8" |
| $.XXX = \pm .010$ | <u>i</u> | Over 1/4" to 1/2" | 3/16" |
| AR: $+/-\frac{1}{2}^{\circ}$ | | Over 1/2" to 3/4" | 1/4" |
| ./ (K, '/ ⁻ 2 | s- | Over 3/4" | 5/16" |

| 7S-198TOW-LADDER-A | | | | | |
|--------------------|-----------------|--------|---------|--|--|
| | | | | | |
| 0955 | FINISH: PER BOM | | | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |



| PRC | STOMER IS RESPONSIBLE FOR DVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|---|----------|-----|-----------------|--------------------|
| | | | | DO NOT SCALE | TOLE UNLESS OTH |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |

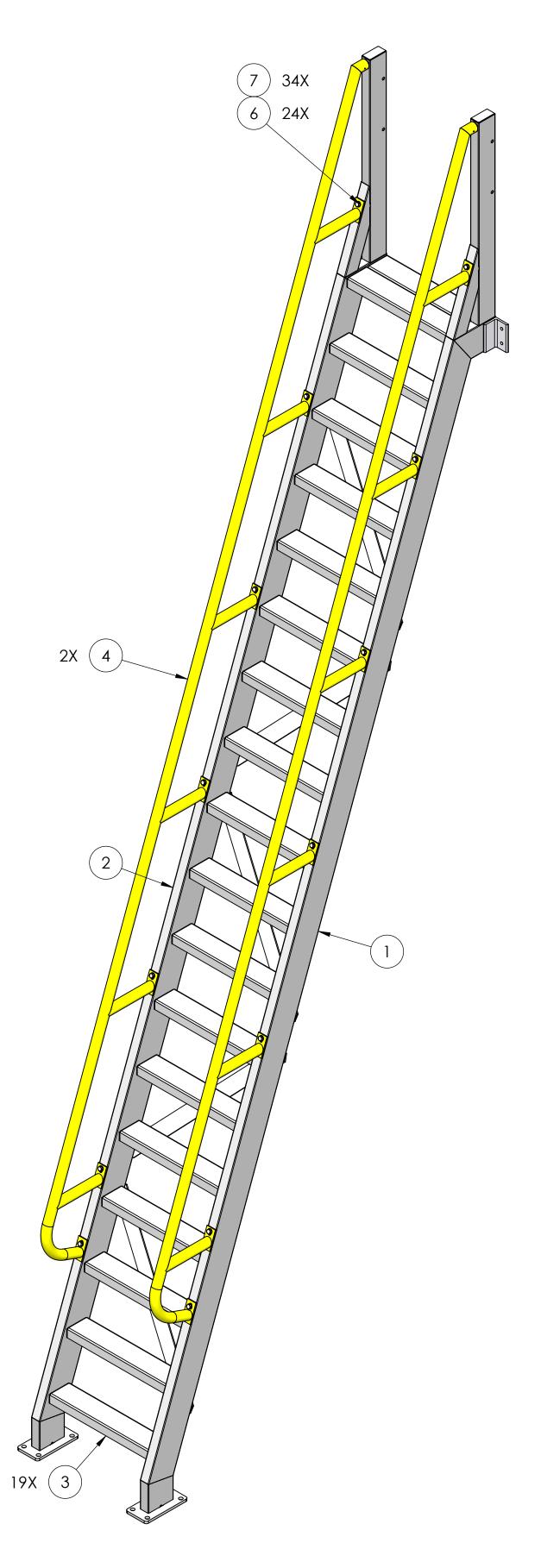


| 7S-198TOW-LADDER-A | | | | | | |
|--------------------|-----------------|--------|---------|--|--|--|
| | | | | | | |
| 955 | FINISH: PER BOM | | | | | |
| | DETAIL: | ENG: | SIZE: D | | | |
| | CHECK: | DRAFT: | REV: A | | | |

| | | BOM Table | |
|---------------|-----|--|--------|
| MINOR MARK | QTY | PartName | ABAS |
| 1 | 1 | es-sl-al-18s-207tow-ladder-rh-w | 169246 |
| 2 | 1 | es-sl-al-18s-207tow-ladder-lh-w | 110932 |
| 3 | 19 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 |
| 4 | 2 | es-sl-al-18s-207tow-handrail-w | 110860 |
| 5 | 5 | ES-STAIR-UNDERBRACE | 54129 |
| 6 | 24 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 |
| 7 | 34 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 |
| 8 | 152 | RIVET - 1/4"x1/2" GRIP AL | 11143 |
| 9 | 18 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 |

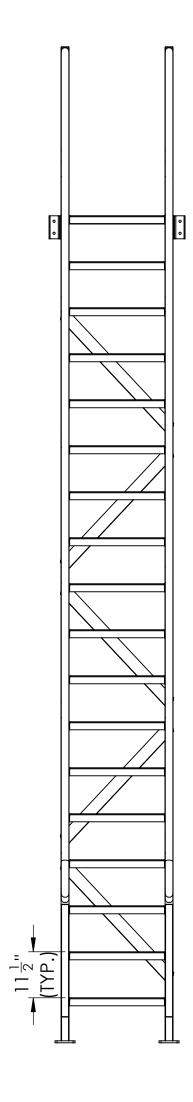
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | STOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | |
|-----|---|----------|-----|-----------------|---|---|---------------|--|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING SEAL WELD UNLESS OTHERWIS USE FILLETS LISTED BELOW UNLESS OT | E NOTED | ALL INFORMATION CONTAINED HEREIN |
| | | | | | .X = ±.1 | Thinner Part Joined (inch | | AND MAY NOT BE DISCLOSED IN ANY |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX = ±.03 .XXX = ±.010 | | 3/16" | FORM WITHOUT PRIOR WRITTEN CONSENT OF |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Over 1/2" to 3/4" s - Over 3/4" | 1/4" 5/16" | PERFECTASTEP |



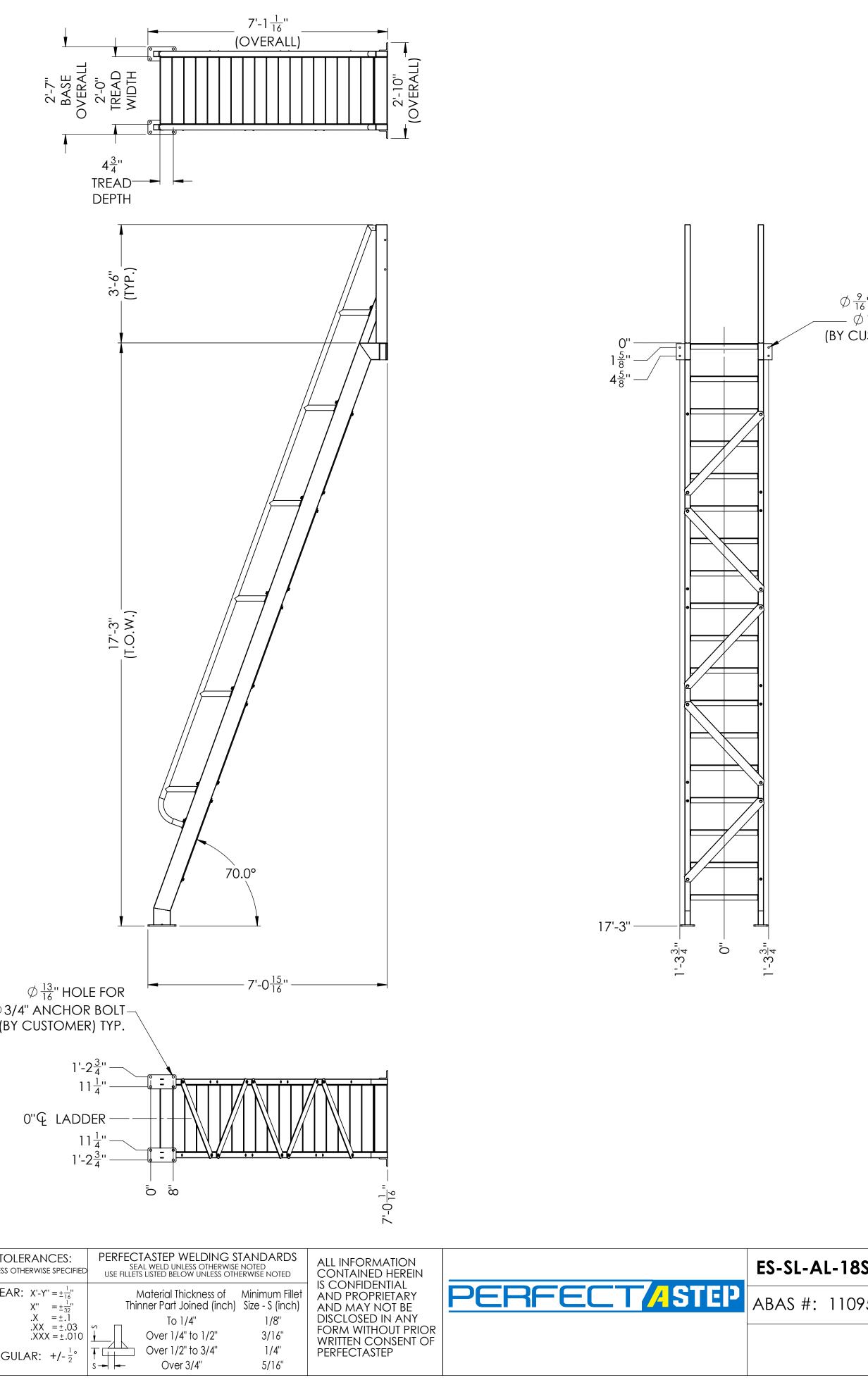


| 8S-207TOW-LADDER-A | | | | | |
|--------------------|-----------------|--------|---------|--|--|
| | | | | | |
| 0956 | FINISH: PER BOM | | | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |



| Ą |) | 3 | / |
|---|---|---|---|
| | (| B | Y |
| | | | |

| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|--------------------|
| | | | | DO NOT SCALE | TOLE UNLESS OTH |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |

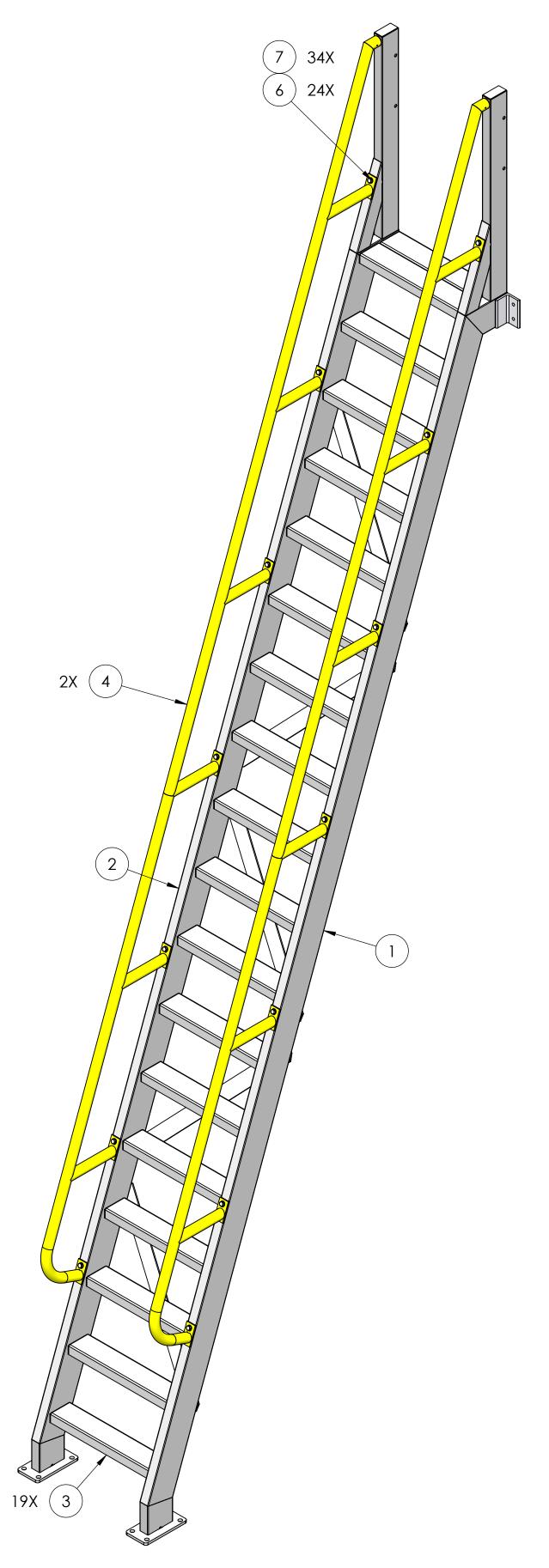


| 8S-207TOW-LADDER-A | | | | | |
|--------------------|-----------------|--------|---------|--|--|
| | | | | | |
| 0956 | FINISH: PER BOM | | | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |

| BOM Table | | | | | |
|---------------|-----|--|--------|--|--|
| MINOR MARK | QTY | PartName | ABAS | | |
| 1 | 1 | es-sl-al-18s-216tow-ladder-rh-w | 169247 | | |
| 2 | 1 | es-sl-al-18s-216tow-ladder-lh-w | 110933 | | |
| 3 | 19 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | | |
| 4 | 2 | es-sl-al-18s-216tow-handrail-w | 110861 | | |
| 5 | 5 | es-stair-underbrace | 54129 | | |
| 6 | 24 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | | |
| 7 | 34 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | | |
| 8 | 152 | RIVET - 1/4''x1/2'' GRIP AL | 11143 | | |
| 9 | 18 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | | |

| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

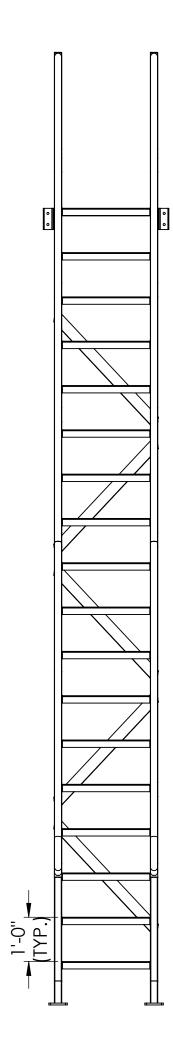
| PR(| JSTOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT AND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | |
|-----|---|----------|-----|-----------------|---|---|
| | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING STANDARDS SEAL WELD UNLESS OTHERWISE NOTED USE FILLETS LISTED BELOW UNLESS OTHERWISE NOTED |
| | | | | | LINEAR: X'-Y'' = $\pm \frac{1}{16}$ X'' = $\pm \frac{1}{32}$ '' .X = $\pm .1$ | Material Thickness of Minimum Fillet Thinner Part Joined (inch) Size - S (inch) To 1/4" 1/8" |
| A | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | .XX = ±.03 .XXX = ±.010 | Over 1/4" to 1/2" 3/16" |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Over 1/2" to 3/4" 1/4" s - Over 3/4" 5/16" |



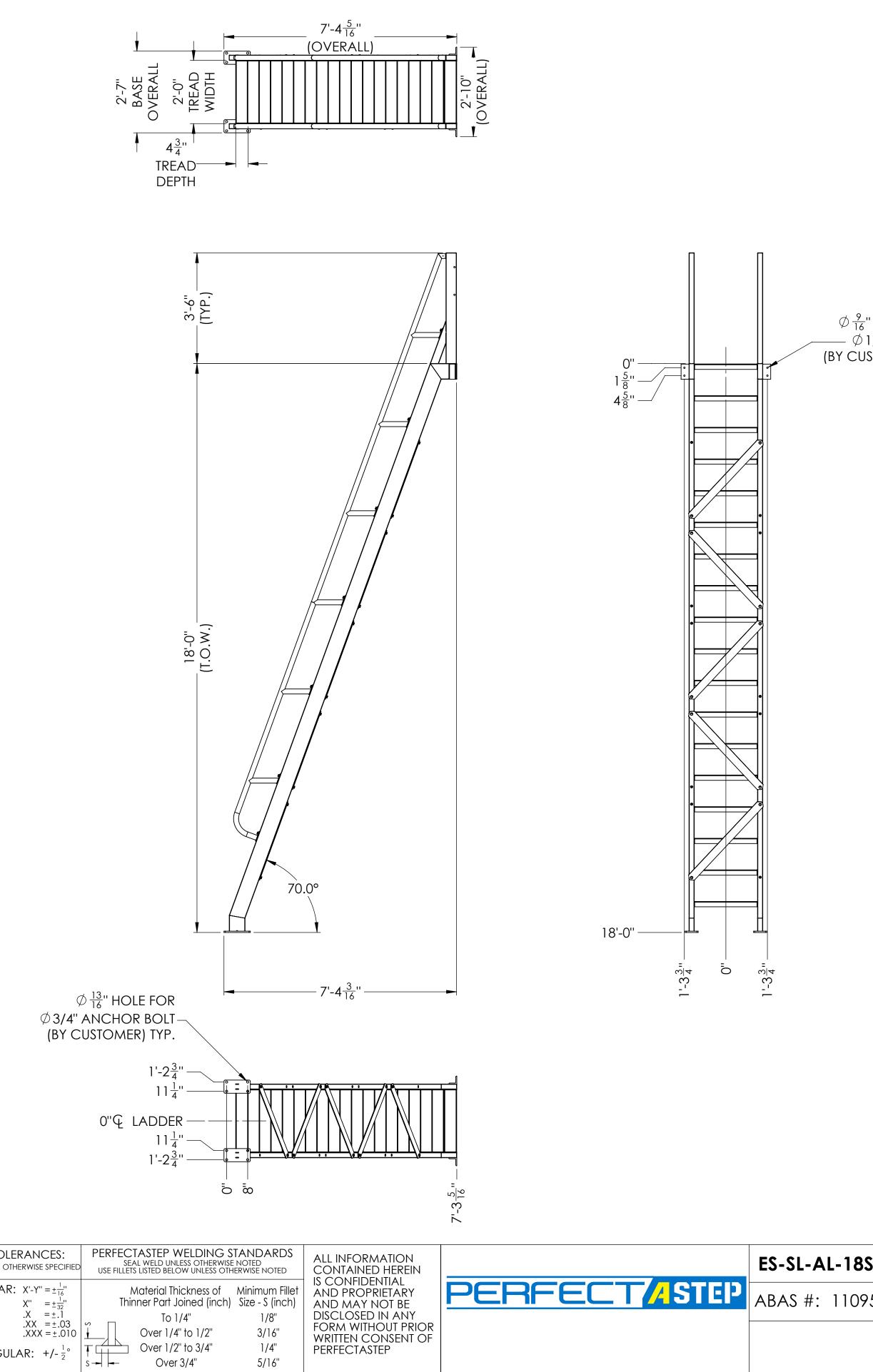
ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE DISCLOSED IN ANY FORM WITHOUT PRIOR WRITTEN CONSENT OF PERFECTASTEP



| 8S-216TOW-LADDER-A | | | | | |
|--------------------|---------|---------|----------------|--|--|
| | | | | | |
|)957 | FINISH: | PER BOM | SCALE: 1:14 | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |



| PRC A | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | |
|----------|--|--|--|----------|-----|-----------------|--------------------|
| | | | | | | DO NOT SCALE | TOLE UNLESS OTH |
| | | | | | | | LINEAR |
| | | | | | | | |
| А | UPDATED PER DD-23-0011 | | | 11/29/23 | ESC | | |
| # | DESCRIPTION | | | DATE | BY | THIRD ANGLE | ANGUL |

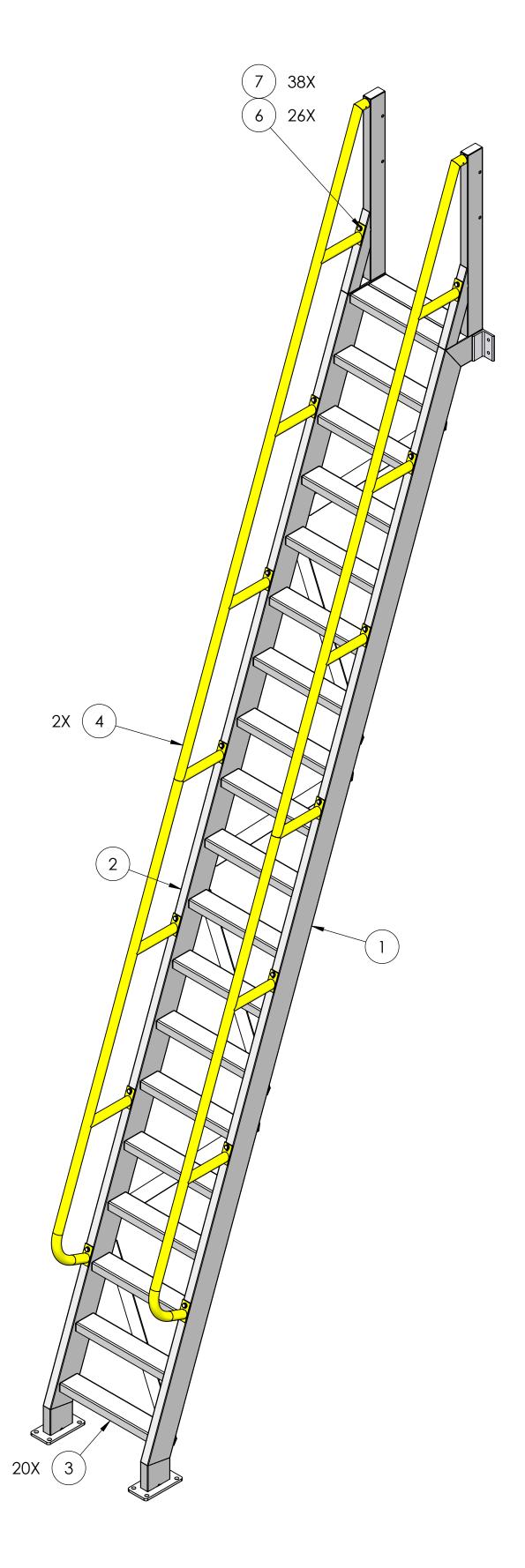


| 8S-216TOW-LADDER-A | | | | | |
|--------------------|---------|---------|----------------|--|--|
| | | | | | |
| 0957 | FINISH: | PER BOM | SCALE: 1:26 | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |

| BOM Table | | | | | |
|---------------|-----|--|--------|--|--|
| MINOR MARK | QTY | PartName | ABAS | | |
| 1 | 1 | es-sl-al-19s-225tow-ladder-rh-w | 169248 | | |
| 2 | 1 | es-sl-al-19s-225tow-ladder-lh-w | 110934 | | |
| 3 | 20 | M3 & RS STEP 24 WIDE-FLAT (M3,RS-C,RS-TR) | 10870 | | |
| 4 | 2 | es-sl-al-19s-225tow-handrail-w | 110862 | | |
| 5 | 6 | es-stair-underbrace | 54129 | | |
| 6 | 26 | BOLT 1/2-13 X 1 1/2 SERRATED HEX, PLATED | 10131 | | |
| 7 | 38 | AVK 1/2-13 INSERT STEEL TIN PLATED | 10185 | | |
| 8 | 160 | RIVET - 1/4''x1/2'' GRIP AL | 11143 | | |
| 9 | 19 | PERFECTASTEP STEP LABEL6 - 1.625" X 20" (APPLIED ON PRODUCT) | 52010 | | |

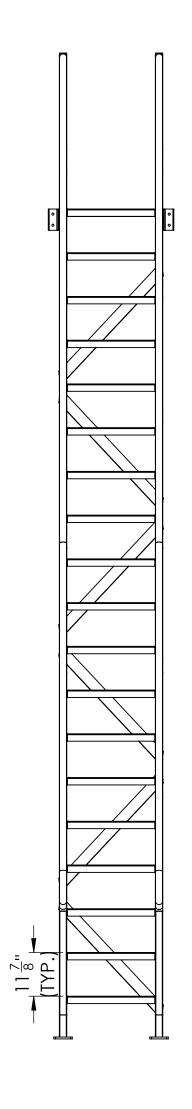
| LIVE LOADS | WEIGHT(LBS) |
|------------|-------------|
| HANDRAIL | 200 |
| LADDER | 300 |

| PRC | ISTOMER IS RESPONSIBLE FOR OVIDING ADEQUATE SUPPORT IND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | | | | | |
|-----|---|----|---------|-----|-----------------|---|---|---|--------------------------------------|
| | | | | | DO NOT SCALE | TOLERANCES: UNLESS OTHERWISE SPECIFIED | PERFECTASTEP WELDING S SEAL WELD UNLESS OTHERWISS USE FILLETS LISTED BELOW UNLESS OTH | E NOTED | ALL INFO |
| | | | | | | .X =±.1 | Material Thickness of Thinner Part Joined (inch) To 1/4" | Minimum Fillet) Size - S (inch) 1/8" | IS CON AND PR AND M, DISCLO |
| A | UPDATED PER DD-23-0011 | 11 | 1/29/23 | ESC | | .XX =±.03 .XXX =±.010 | | 3/16" | FORM V |
| # | DESCRIPTION | [| DATE | BY | THIRD ANGLE | ANGULAR: $+/-\frac{1}{2}^{\circ}$ | Over 1/2" to 3/4" s Over 3/4" | 1/4" 5/16" | PERFEC |



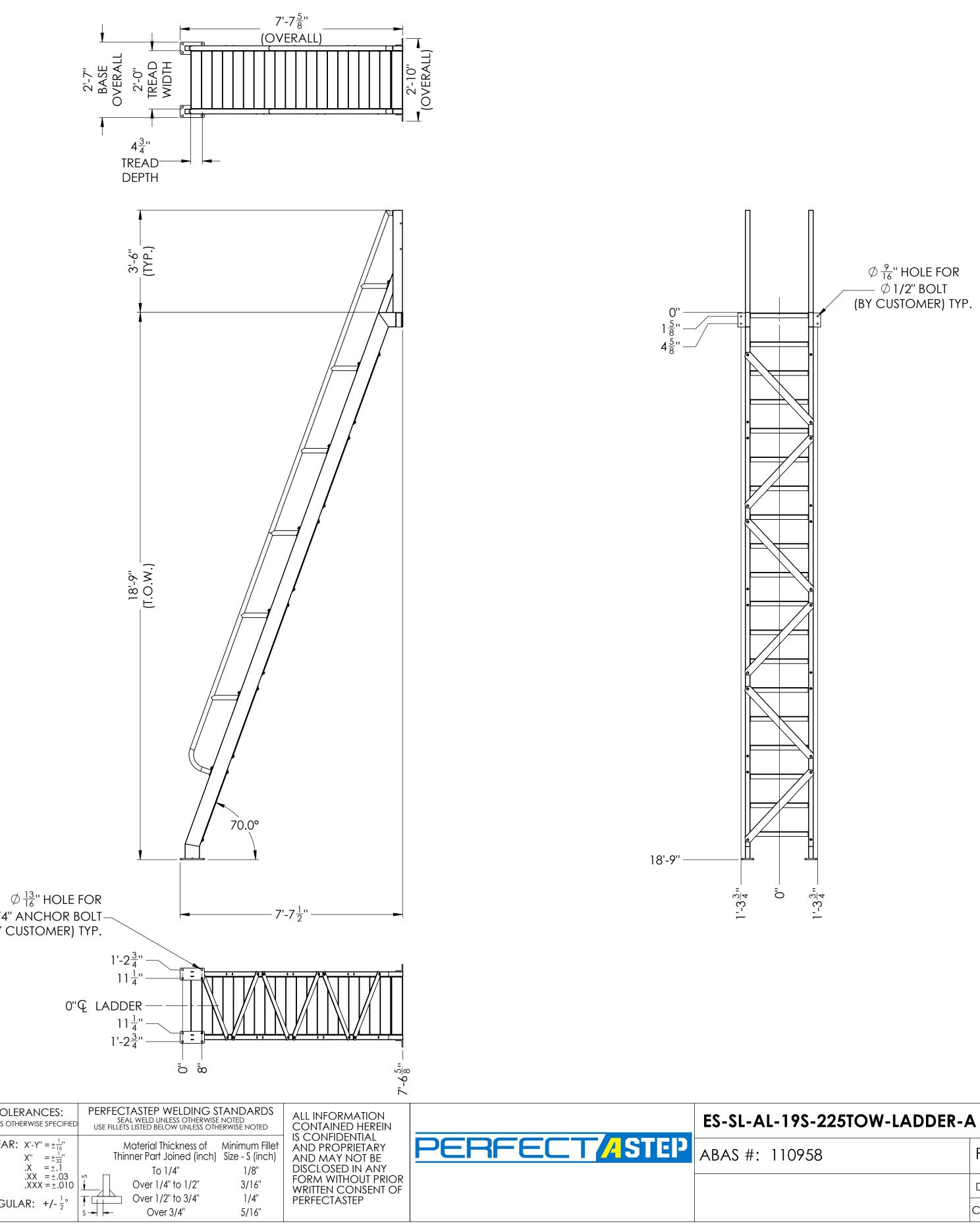


| 9S-225TOW-LADDER-A | | | | | |
|--------------------|---------|---------|----------------|--|--|
| | | | | | |
| 0958 | FINISH: | PER BOM | SCALE: 1:16 | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |



| Ø3/- | 4' |
|------|----|
| (BY | (|

| PRC | STOMER IS RESPONSIBLE FOR VIDING ADEQUATE SUPPORT ND ANCHORING FOR NEW PERFECTASTEP EQUIPMENT | | | | |
|-----|--|----------|-----|-----------------|--------------------|
| | | | | DO NOT SCALE | TOLE UNLESS OTH |
| | | | | | LINEAR: |
| | | | | PROJECTION: | |
| А | UPDATED PER DD-23-0011 | 11/29/23 | ESC | | |
| # | DESCRIPTION | DATE | BY | THIRD ANGLE | ANGUL |



| 9S-225TOW-LADDER-A | | | | | |
|--------------------|---------|---------|----------------|--|--|
| | | | | | |
|)958 | FINISH: | PER BOM | SCALE: 1:26 | | |
| | DETAIL: | ENG: | SIZE: D | | |
| | CHECK: | DRAFT: | REV: A | | |