

MERIDIAN[®]

SPIRAL STAIRCASE



ASSEMBLY MANUAL

PRODUCT REGISTRATION FORM



Attention Dealers:

You can register products online through the Dealer Login: <http://dealers.meridianmfg.com/login/>

It is mandatory to register your product in order to qualify for future warranty claims that may arise. Knowingly falsifying information on this form will result in the voiding of the product warranty.

You may scan/photograph this completed form (must be legible), email it to: register@meridianmfg.com
A copy of this form may also be mailed to Meridian Manufacturing Inc.

| | |
|------------------------|------------------------|
| Buyer's Name _____ | Dealer's Name _____ |
| Address _____ | Address _____ |
| City, Prov/State _____ | City, Prov/State _____ |
| Postal/Zip Code _____ | Postal/Zip Code _____ |
| Phone Number _____ | Phone Number _____ |

Note: Registering a product in multiple entry format is only allowed when the product has the same model number and the same dealer, however each serial number must be legibly listed for each unit. Delivery dates for a multiple entry must be within a one month time frame.

Product Information: _____

| | |
|--------------------|---------------------|
| Model Number _____ | Serial Number _____ |
| Invoice Date _____ | |

Important: Please send this form to the Meridian Manufacturing Inc. location which built this product being registered. If you require further assistance call you're dealer or the Meridian outlet nearest to your location.

We want to thank you for purchasing a Meridian manufactured product. Whether this is your first Meridian purchase or you have been a customer for years, you are now part of the Meridian community of customers and we appreciate your business.

It is important that you now complete the product registration information and this form indicating you have received delivery. This registration and information is necessary to ensure you have access to warranty and product updates in the event it be required in the future.

Registration can be completed by using this form or visiting your dealer who will complete the form online. You will be given access to the Meridian community and become eligible for updates, special offers and prizes.

Again thank you for choosing Meridian.

I have thoroughly instructed the buyer on the above described equipment. The review included the content of this manual, equipment care, adjustments, safe operation and warranty policy.

Date _____ Dealer's Signature _____

The above equipment and this manual have been received by me. I have been thoroughly instructed as to care, adjustments, safe operation and applicable warranty policy.

Date _____ Buyer's Signature _____

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Section 1: INTRODUCTION

Thank you for choosing a Meridian Manufacturing Inc. spiral staircase.

Safe, efficient assembly means that everyone who will be involved must read this manual.

Information provided herein is of a descriptive nature. Consistent with Meridian's policy of continued research and development of our products, we reserve the right to modify the equipment design and specifications and change information contained in this publication without any preliminary notice.

Keep this manual handy for future reference. Call your Meridian dealer or distributor if you need assistance, information or additional/replacement copies, or a digital copy of this document.

Staircase specifications, features and available options may vary depending on the region.

Disclaimer:

These instructions are based on standard assembly. A few popular options are described.
Many options change the location and arrangement of parts.
Your situation may necessitate a change from the described instructions.

IMPORTANT:

Parts lists, drawings and schematics are shipped, along with this manual.
Refer to them, as you read this manual for specific details;
such as, measurements, fasteners to use, and position of components.

IMPORTANT:

It is necessary to have the correct spacing between
bin walls before installing the spiral staircase:
- Single Platform: 32" - 34"
- Twin Platform: 64" - 66"

Note:

Optional Intermediate Rest Platform
Refer to assembly instructions on pages 3-12 and 3-13.

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Section 2: SAFETY

3 Big Reasons why safety is important to you:

- Accidents Disable and Kill
- Accidents Cost
- Accidents Can Be Avoided

The Safety Alert Symbol means:



The Safety Alert Symbol identifies important safety messages in this manual.

The following signal words are used in this manual to express the degree of hazard for areas of personal safety.

When you see the symbol and/or the signal words described below, obey the accompanying message to avoid possible injury or death.



Indicates a hazardous situation that, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations. Typically for machine components which, for functional purposes, cannot be guarded.



Indicates a hazardous situation, if not avoided, could result in death or serious injury. This word identifies hazards that are exposed when guards are removed. It may be used to alert against unsafe practices.



Indicates a hazardous situation, if not avoided, could result in minor or moderate injury. It may be used to alert against unsafe practices.



Indicates practices or situations which may result in the malfunction of, or damage to equipment.



Safety instructions (or equivalent) signs indicate specific safety-related instructions or procedures.

2.1 GENERAL SAFETY

You are responsible for the safe assembly of this staircase. Good safety practices not only protect you, but also those around you. All accidents can be avoided.

- Use this staircase for its intended purpose.

2.2 ASSEMBLY SAFETY

- Keep assembly area clean and dry.
 - All platforms, ladders, stairways, fixed ladders, cages, handrails, and guardrails must be clean and free of all debris.
 - Remove anything which may cause accidental tripping and/or falling.
- Use adequate light for the job.
- Keep all persons not involved in assembly away from work area.
- Stay away from overhead power lines. Electrocutation can occur without direct contact. 
- Stay away from overhead obstructions when lifting the assembly. Contact can damage the components, or cause them to fail.
- Provide adequate space for forklifts and hoists to move components, large and small, around the structure.
- Components can be heavy and awkward. Always wear protective equipment to prevent cuts, scrapes, and pinching.

2.3 WORK SAFETY

- Assembling equipment can often be noisy enough to cause permanent, partial hearing loss. We recommend that hearing protection be worn on a full-time basis. 
- Remove anything which may cause accidental tripping and/or falling.
- Keep the work area clean and orderly.
- Mount signage around structure to indicate that this structure is off limits. No unauthorized persons allowed.
- Keep structure in good repair, to prevent sharp edges and corners from becoming hazards.

2.4 PERSONAL PROTECTIVE EQUIPMENT

The following Personal Protective Equipment (PPE) should be worn at all times when assembling or working the area:



Safety Glasses



Coveralls



Hard Hat



Steel-Toe Boots



Work Gloves

Section 3: ASSEMBLY

3.1 CHECK YOUR SHIPMENT

- Upon delivery, check all parts and packages against the packing list. Ensure that all items have arrived and that none are damaged.
- Do not begin installation with missing or damaged parts.
- When you are satisfied that all parts are in good condition, lay the parts out for convenient access.
- Carefully read and understand this installation manual before proceeding with assembly.

3.2 SHORTAGE AND DAMAGED PARTS

- Report shortages or damaged parts immediately to the delivery carrier, followed within ten days by a confirmation letter requesting inspection by that carrier, if required.
- Order necessary parts immediately to ensure that assembly will not be held up.
- All parts will be charged for and credit will be issued by the party at fault. No credit will be issued if delivery invoices are signed and received in good condition.

3.3 TOOLS AND EQUIPMENT

Use quality tools and equipment. Use them safely and correctly for their intended use. The tools and safety equipment for this application should include, but are not limited to:

- Tools:
 - Impact tools
 - Power drills and drill bits
 - Sockets
 - Large-pocket carpenter pouch
 - 8 inch (20 cm) metal tapered punches (for aligning bolt holes)
 - Construction grade step and extension ladders
 - 6-point wrenches (Imperial, box end)
 - Transit level
 - Tape measure 100' minimum
 - Tek screw driver 3/8"
 - Survey ground marking paint
 - Tube caulking applicator
 - Heavy duty utility knives
 - Spring clamps
 - Banding cutters
 - Generator
 - Skid loader
 - Shovel
 - Cut resistant gloves
 - Cord or rope and pegs
- Safety Equipment:
 - Properly-stocked first-aid kit
 - Personal protective equipment (PPE) like safety glasses, steel-toed boots, hard hats, work gloves
 - Cable, chain, or rope to tie down parts in case of wind during assembly

3.4 PLATFORM LAYOUT

The platform rests 12" below the eave and the A-frame brackets are 4 bolt spaces apart (37-1/2"). It is recommended to place two thirds of the platform under the roof ladder with the remainder under the manhole. The stair section assembly attaches to the platform and has an A-frame 3 bolt spaces (28 1/8") from the platform A-frame. The stair section is included in the platform package.



Fig 1 - Wall braces

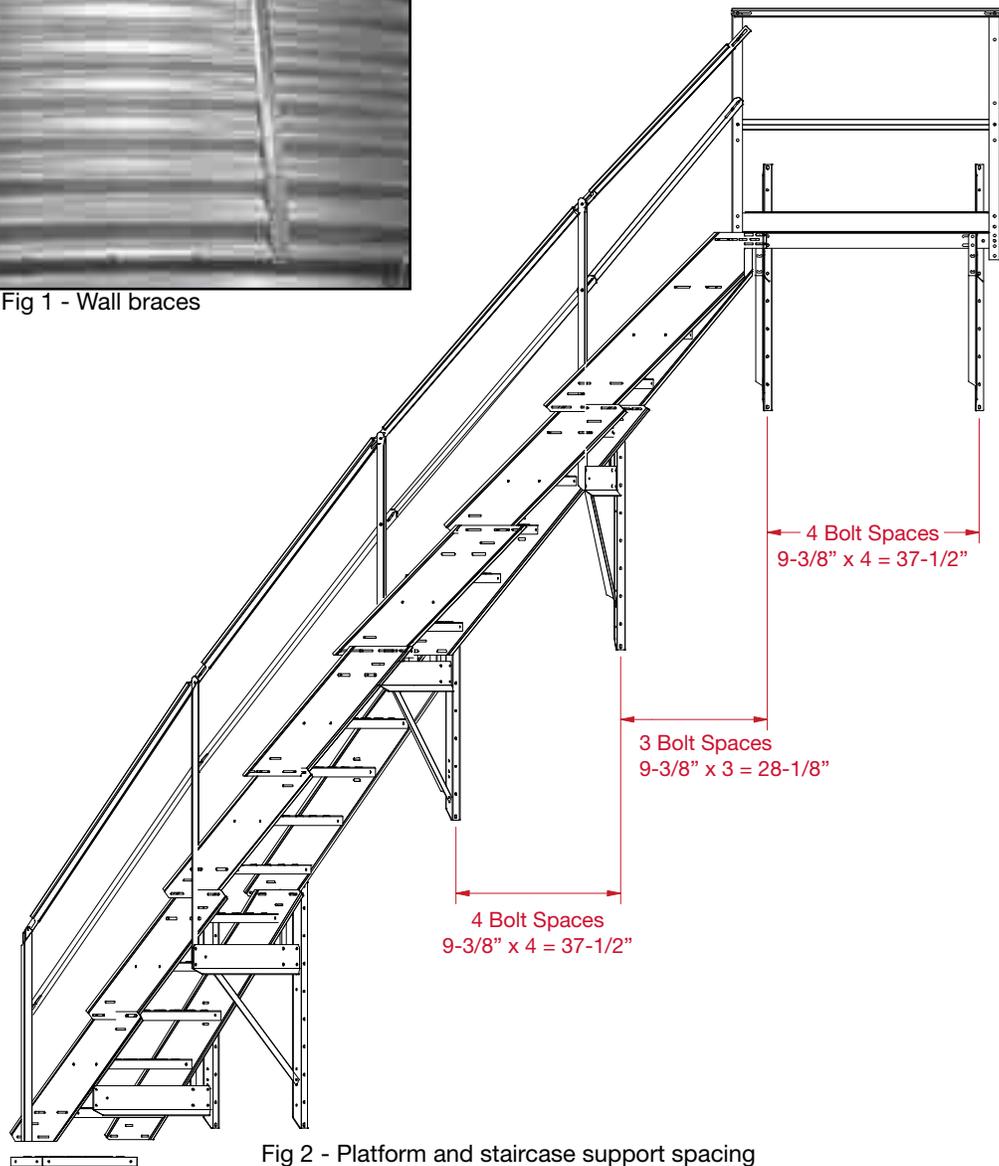


Fig 2 - Platform and staircase support spacing

3.5 WALL A-FRAMES BRACKETS

1. Assemble and fasten the A-frame brackets to the corrugated wall sections.
 - Use 51723 Short Posts to support the platform(s) on the inside and outside. See Figure 4 and 5.
 - Use 51709 Short Posts to support the stair sections. See Figure 16

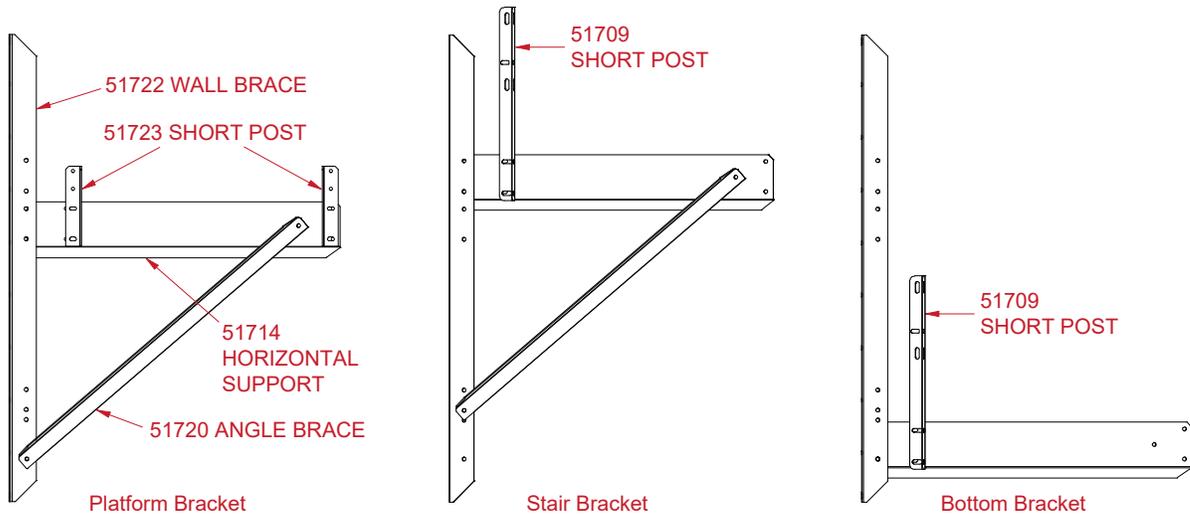


Fig 3 - Assembled wall A-frames brackets

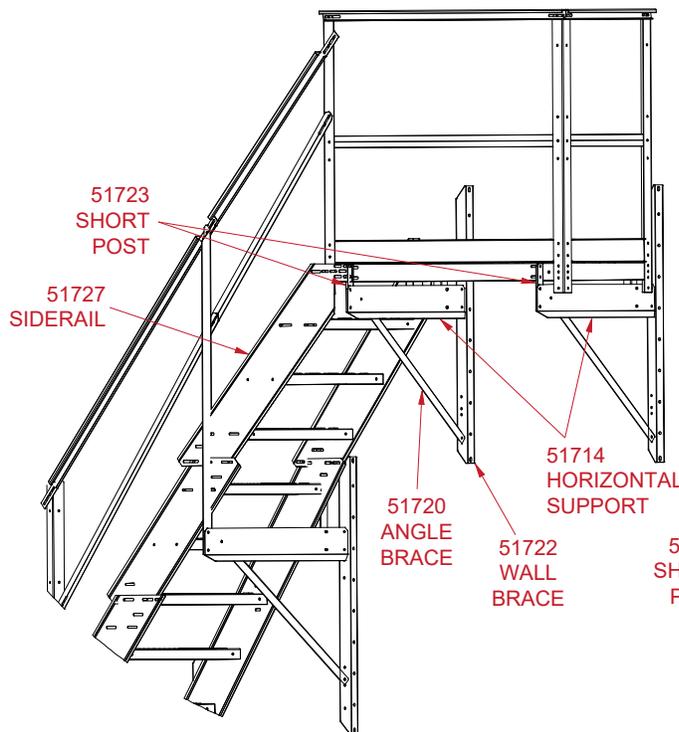


Fig 4 - Platform support, outside view

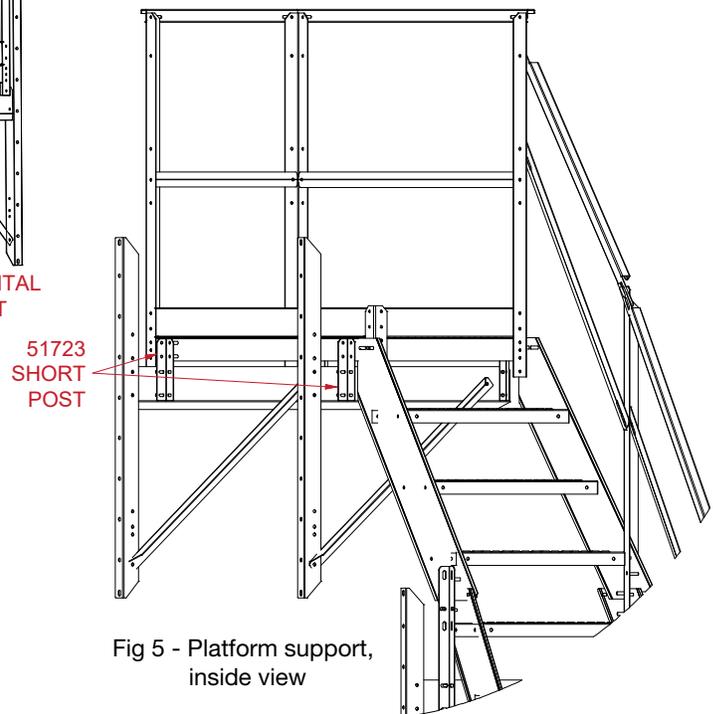


Fig 5 - Platform support, inside view

3.6 TOP PLATFORM ASSEMBLY

IMPORTANT: Determine from which end of the platform the stairs will be attached.

2. Bolt the Platform Posts to the corners of the Platform Skin.
 - Add the Kickboards, Midrails and Handrails.
 - Note: At the inside corner, where the stairs begin, attach the 51704 Platform Short Post.

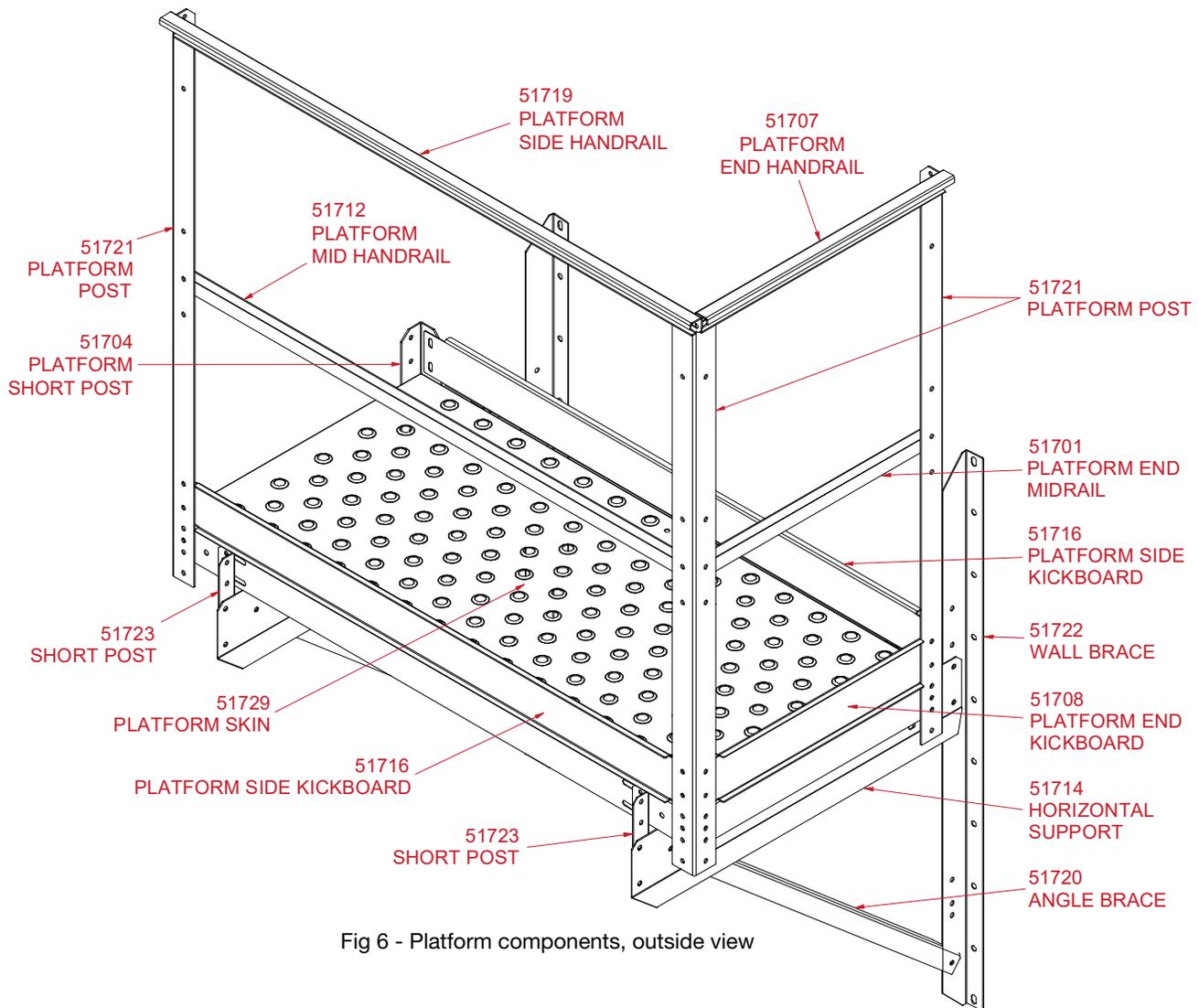


Fig 6 - Platform components, outside view

Note:
Platform Skin dimension:
50-1/2 x 24 x 3"

3. Bolt the Wall Braces in position on the bin.
 - Use existing bolt holes - 4 bolt spaces apart (37-1/2").
4. Assembly the wall A-frames brackets.
 - Add Horizontal Support and Angle Brace.
5. Add 51723 Short Posts to the Horizontal Supports.
 - Use them to fasten the platform to.
6. Lift the assembled platform to sit on the A-frames.
 - Fasten to the inside 51723 Short Post
 - Add 51723 Short Post to the outside.

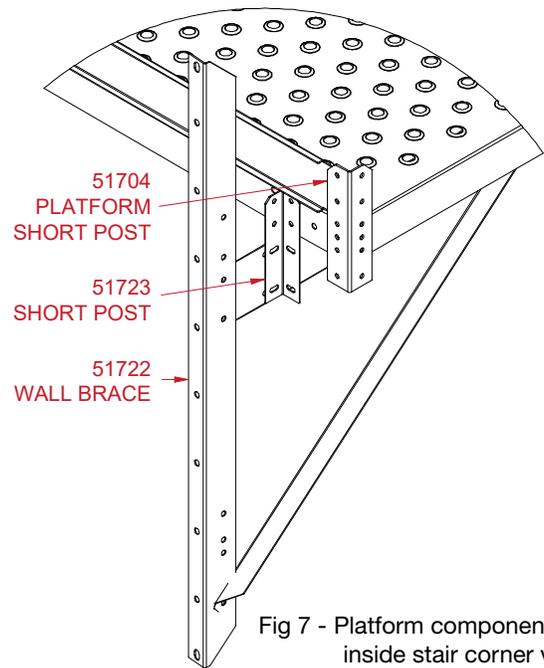


Fig 7 - Platform components, inside stair corner view



Fig 9 - Short posts on A-frame connected to platform



Fig 8 - 51723 Short Post holding platform

3.7 TWIN PLATFORM (OPTIONAL EQUIPMENT)

On standard 32" and 44" bin sheets, the wall A-frame brackets will attach four bolts (37-1/2") apart.

1. Attach Wall Brace to the bin. Assemble the A-frame bracket.
2. Assemble the Twin Platform, with Platform Posts, End Hand and Midrails.
3. Bolt the platform to the A-frame brackets.

IMPORTANT:
Spacing must be 64–66" between bins when installing the twin platform.

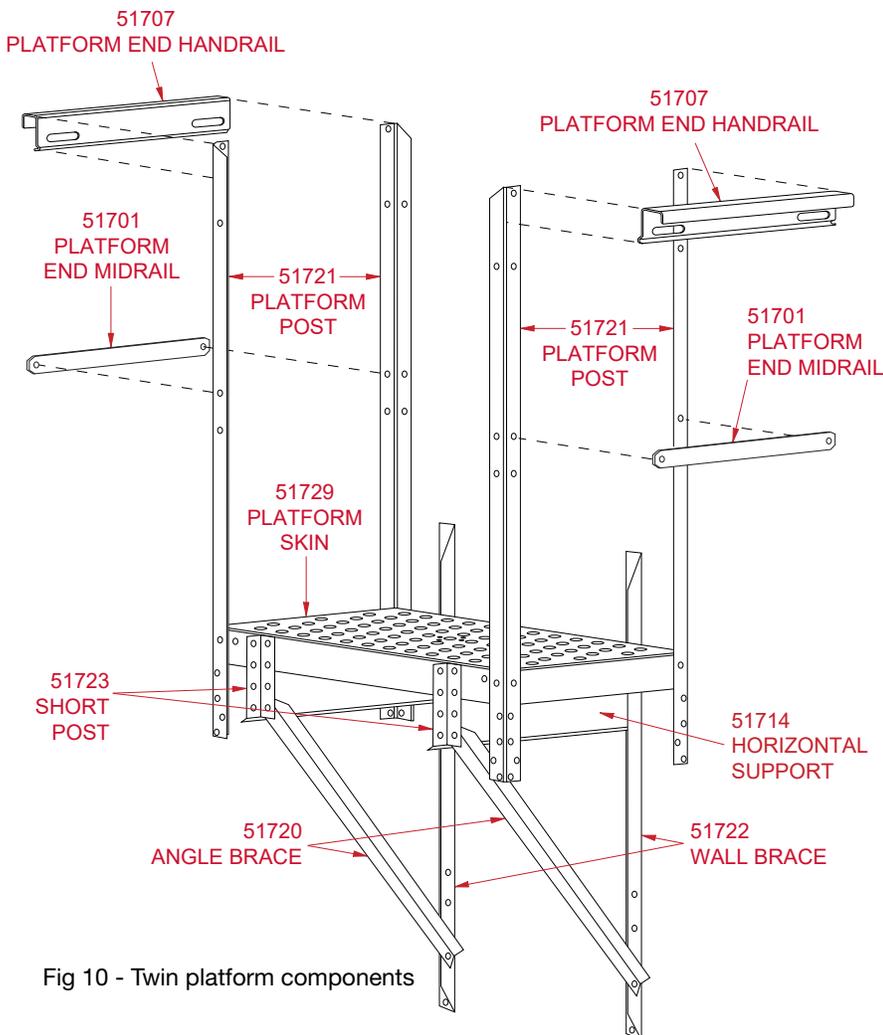


Fig 10 - Twin platform components

Note:
Platform Skin dimension:
50-1/2 x 24 x 3"



Fig 11 - Twin Platform

3.8 STAIR SECTIONS ASSEMBLY

1. The first stair section to be attached to the top platform includes:
 - Three - 51698 Stair Steps
 - One - 51726 Siderail (inside)
 - One - 51727 Siderail (outside)

2. Assemble the first stair section together.
 - Bolt the steps to the Inside Siderail, which have round bolt holes.
 - Tighten the round-hole connections.
 - Bolt the steps to the Outside Siderail which have slotted bolt holes to accommodate the curve of the bin.
 - Leave the slot connections loose for later adjustments.

3. Lift the stair section up to the platform.
 - Fasten the stairs between inside Short Post and outside Short Post.
 - See Figure 14, 15 and 16

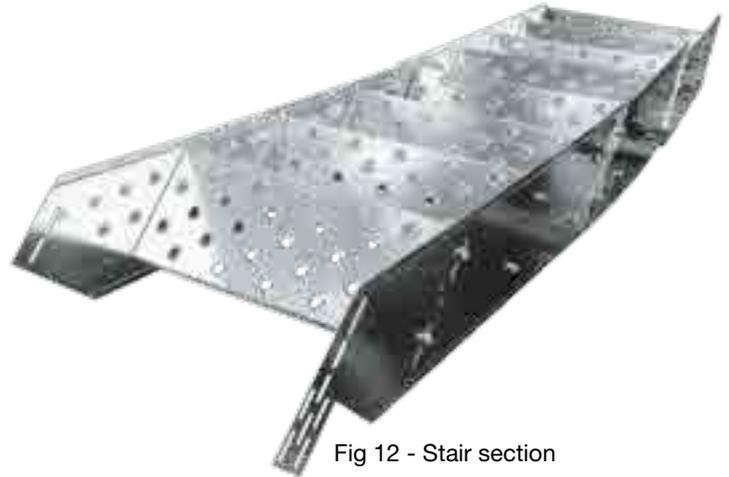


Fig 12 - Stair section

Note:

The first stair section connected to the top platform has three steps. See Figure 15:

- Stair Step dimension: 24-1/8 x 9 x 1-3/4"
- One - 51726 inside Siderail
- One - 51727 outside Siderail

The rest of the stair sections has five steps:

- Stair Step dimension: 24-1/8 x 9 x 1-3/4"
- One - 51728 Inside Siderail
- Two - 51725 Siderails

4. Continue to assemble the the rest of the stair sections.
 - Refer to the drawings for details.

5. Support the stair section with wall A-frame.
 - Bolt the Inside Siderails to the 51709 Short Post. See Figure 16

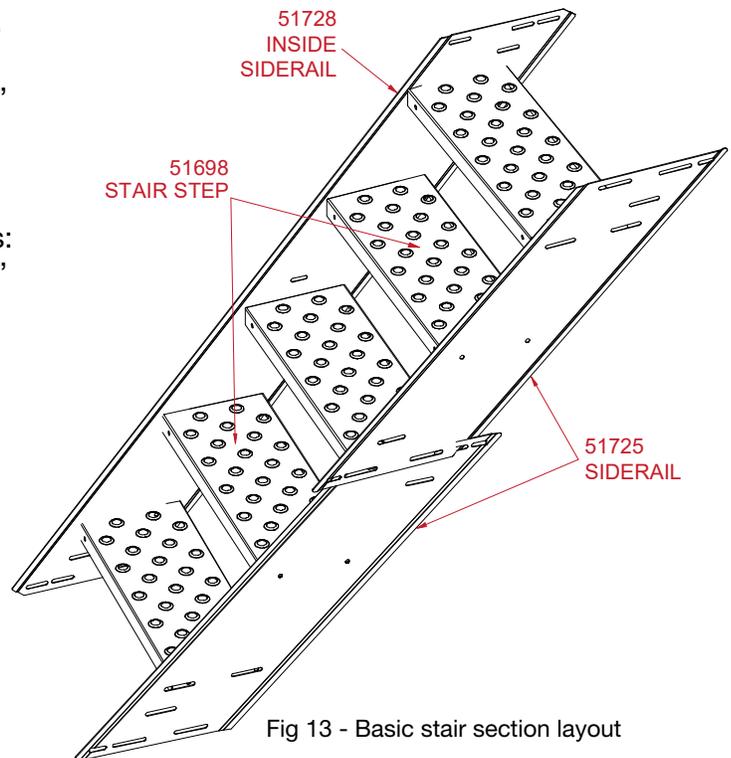


Fig 13 - Basic stair section layout

6. Fasten the Base Support Posts to the Horizontal Supports and Outside Siderails.

7. Attach the Midrails and Handrails between the posts.

- **Note:** 3 stair step section handrails:

- 51717 Handrail
- 51713 Midrail

5 stair step section handrails:

- 51724 Handrail
- 51715 Midrail



Fig 14 - 51727 Siderail fastened to platform

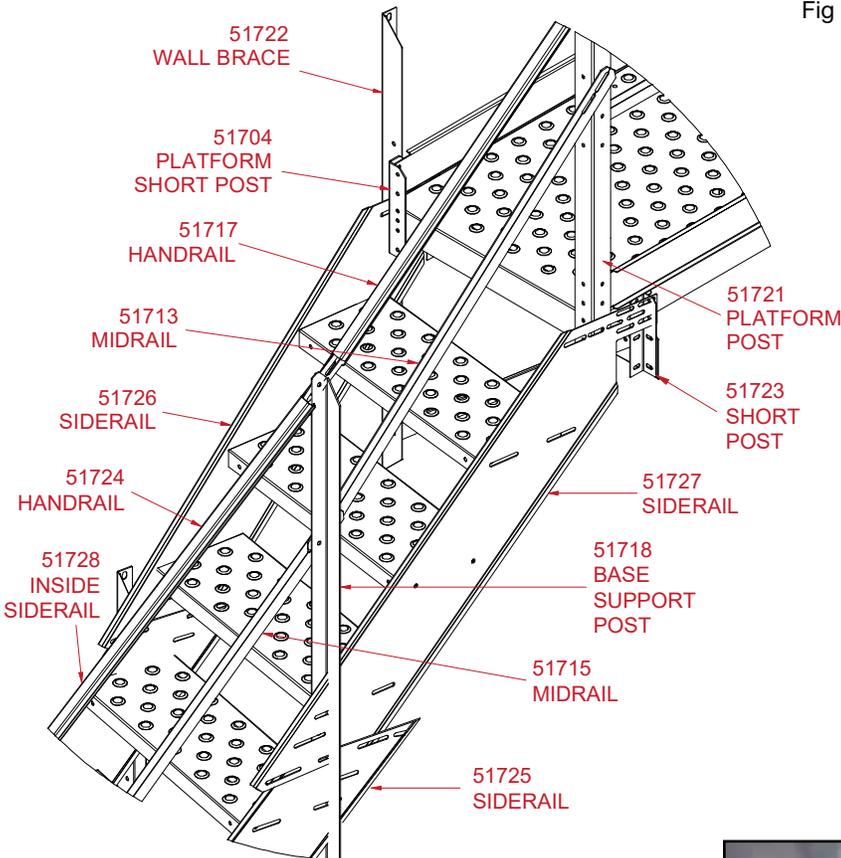


Fig 15 - Stair section at platform

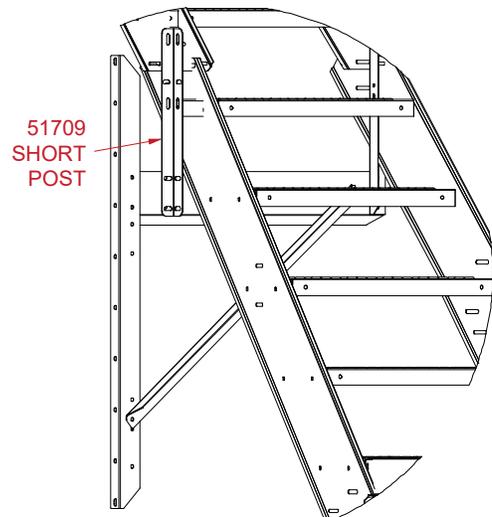


Fig 16 - Stair section support, inside view

Note:
 51709 Short Post is fastened on the inside of the stair section.



Fig 17 - 51709 Short Post supporting stairs

3.9 ASSEMBLY NOTES

- The inside siderails have round bolt holes with no adjustment possible. The outside siderails have slotted bolt holes to move the stairs, adjusting them to the curve of the bin.
 - Keep the bolts as close to the centre of the adjustment slot as possible to keep the stairs from creeping forward down the bin.
 - Continue to monitor the position of the stairs during installation of successive sections by watching the connections of the short posts to the siderails.
 - Stay as close as possible to the centre to keep the post plumb.
- Tighten the stair sections from the inside out and from the top down.
 - Always level the bottom step before tightening the outside siderail.
 - Use the slotted holes on the outside siderail to adjust the steps for an even fan pattern.
- When attaching the next stair sections, use the same procedure as the first stair section to the platform, except level the middle step and tighten the upper splice.
- When finishing the bottom stair section, level the bottom step and tighten the middle of the siderail.

Note:

51718 Base Support Post is used to support the outside of the bottom stair section.

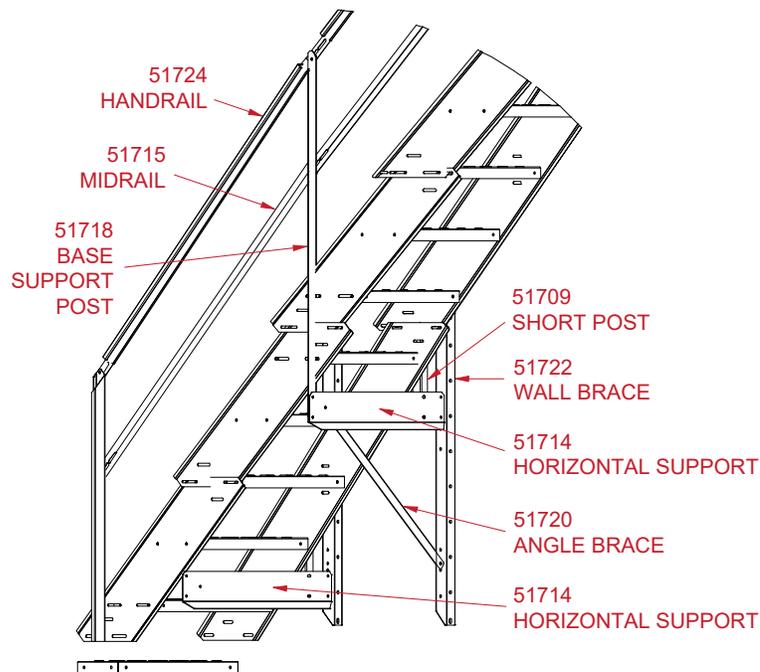


Fig 18 - Stair section support, outside view

3.10 BOTTOM STAIR SECTION ASSEMBLY AND FINISHING

8. Attach #51700 Bottom Knee Brace to the rear, inside hole of the bottom step.
9. Attach the other end of knee brace to #51722 Wall Brace.
 - **Note:** On some bin diameters this may not work. If the stair system has to be severely deformed to use the hole, drill the hole to allow for connection.
10. Attach #51710 Bottom Brace to the inside and outside siderails under the bottom step.
 - This will keep it out of the walking path when descending off the last step.
 - On bins with a rolled flange bottom ring, it may be necessary to move the bottom brace up to the step bolts for the upper holes.
11. If possible, attach the #51703 Base Support Post to the bottom bracket.
 - If that causes the post to become misaligned with the hand and midrails, then attach them separately to the outside siderail.
12. **Remove Tripping Hazard:**
 Once the bottom stair section is attached, trim off the point of the outside rail so that it is flush with the handrail post to avoid a tripping hazard.
13. #51699 Bottom Platform is to be used as the final step which is attached to the cement base.

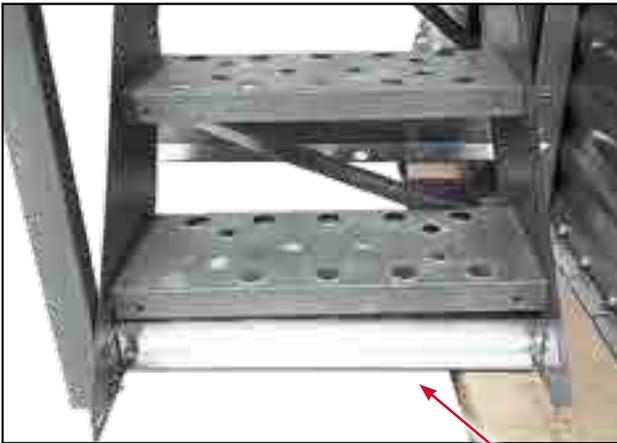


Fig 19 - 51710 Bottom Brace



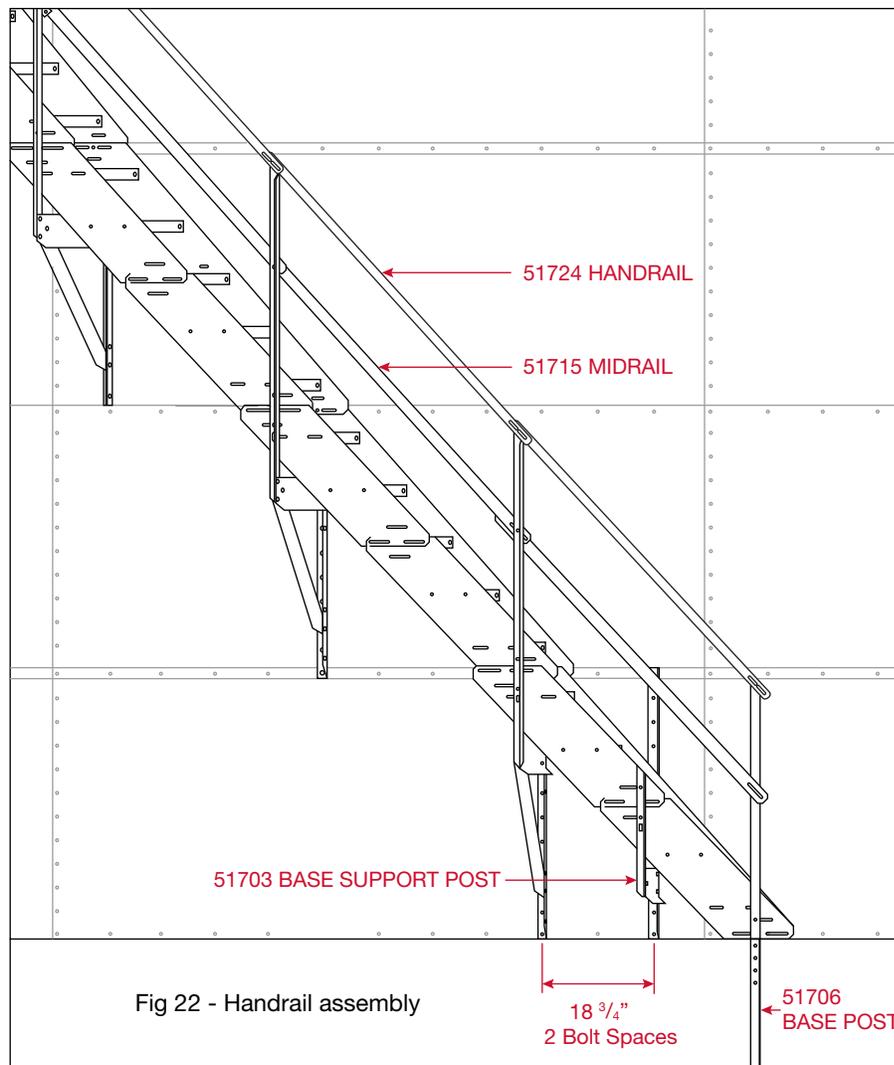
Fig 20 - Remove tripping hazard



Fig 21 - 51699 Bottom Platform

3.11 ATTACH BOTTOM STAIR SECTION

14. The bottom section uses a special configuration of the A-frame bracket.
 - For assembly, see Figure 3.
15. Bolt it to the middle of the stair section.
 - It is two bolt spaces (18-3/4" +/-) from the last A-frame bracket.
16. There is 51706 Base Post, and 51700 Bottom Knee Brace that attaches to the bottom bracket under the bottom section.
 - This allows the handrail to end at the last step and braces the bottom two steps and post.
17. Shape the handrails and midrails according to the curve of the bin. Attach them to the posts.



3.12 INTERMEDIATE PLATFORM ASSEMBLY, PART #31803 (OPTIONAL EQUIPMENT)

1. Assemble the Intermediate similar to the Top platform.
 - Bolt the Platform Posts to the outside corners of the Platform Skin.
 - Add the Kickboards, Midrails and Handrails.

2. Bolt the Wall Braces in position on the bin and assemble the A-frame brackets.
 - Use existing bolt holes - four bolt spaces apart (37-1/2").
 - Add Platform Short Posts to the Horizontal Supports.

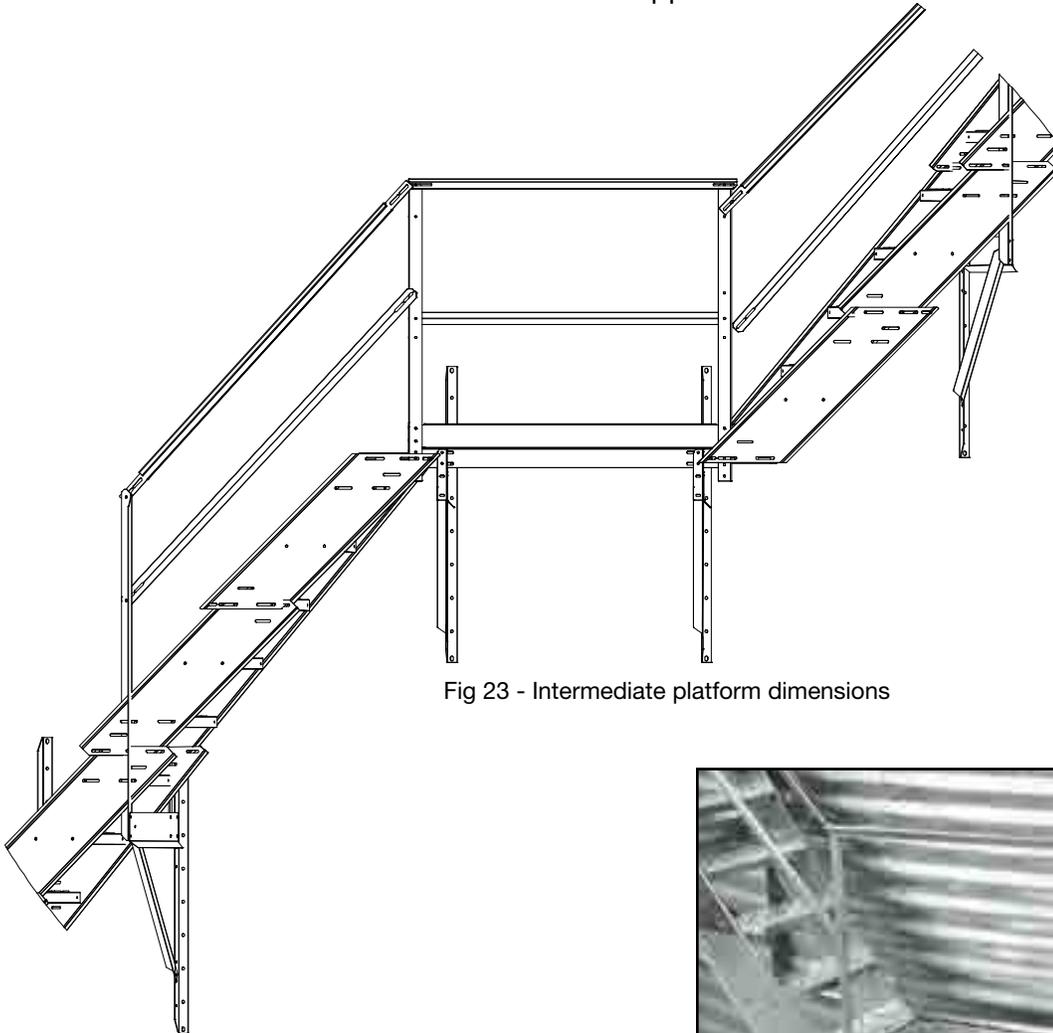
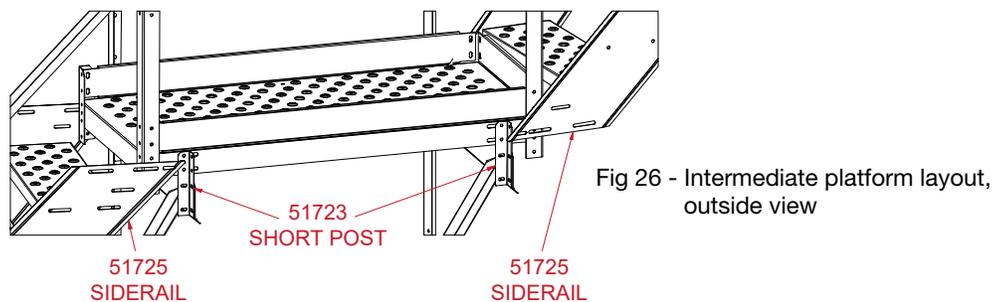
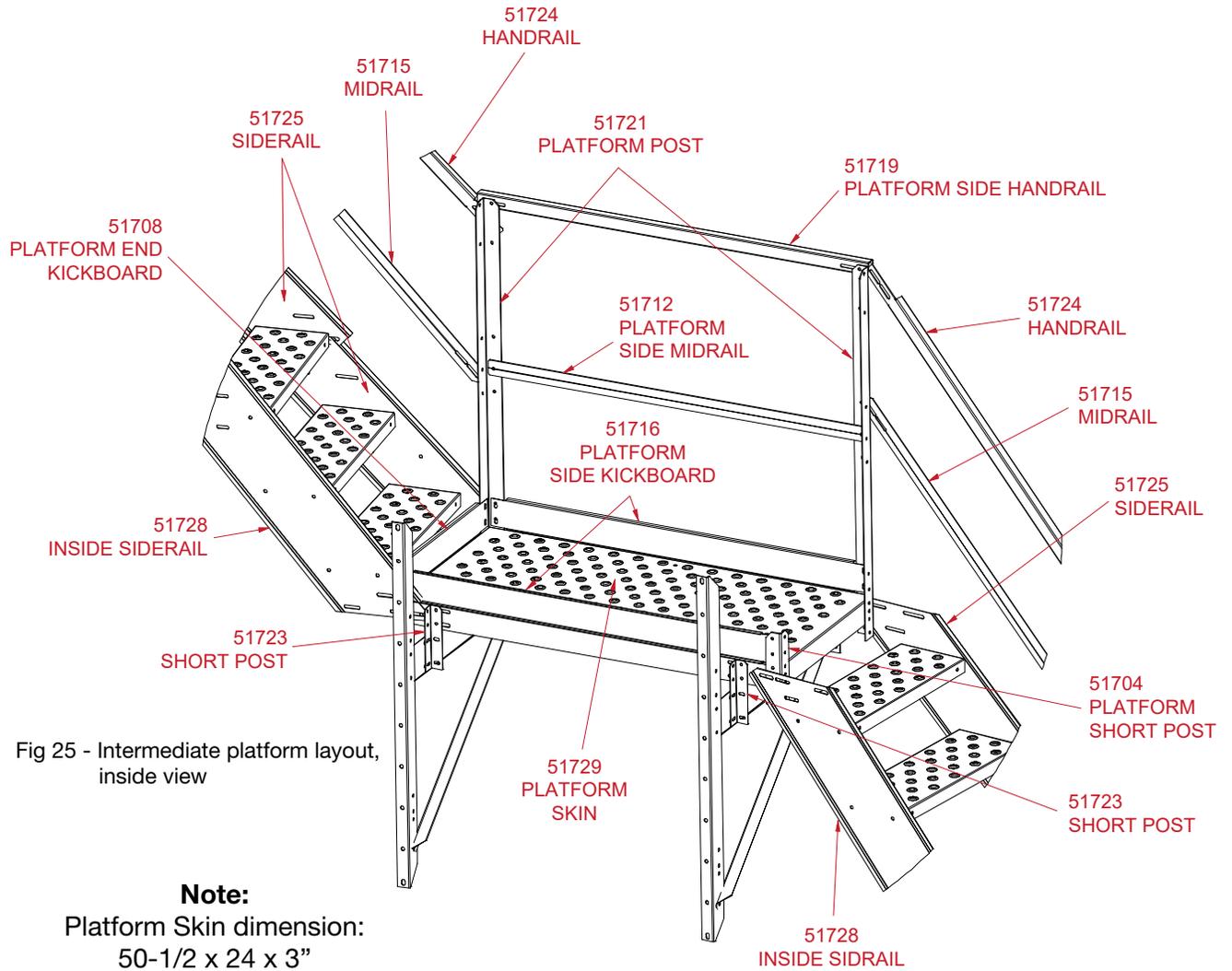


Fig 23 - Intermediate platform dimensions



Fig 24 - Intermediate platform onto A-frame

3. Support the Intermediate Platform with wall A-frame brackets.
 - Fasten the platform between the inside Platform Short Post and outside Short Post.





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Section 4: PARTS

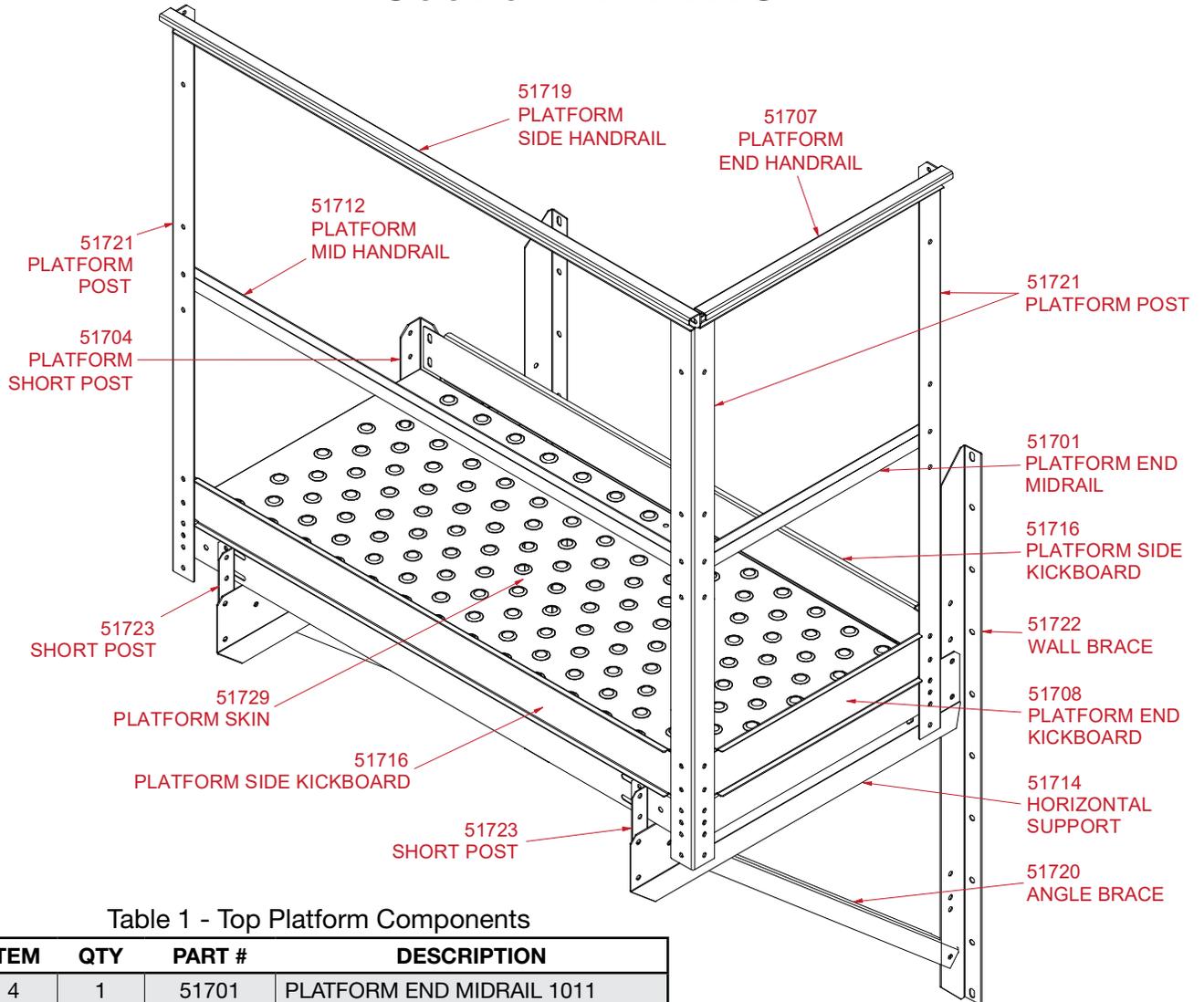


Table 1 - Top Platform Components

| ITEM | QTY | PART # | DESCRIPTION |
|------|-----|--------|------------------------------|
| 4 | 1 | 51701 | PLATFORM END MIDRAIL 1011 |
| 7 | 1 | 51704 | PLATFORM SHORT POST 1025 |
| 10 | 1 | 51707 | PLATFORM END HANDRAIL 1013 |
| 11 | 1 | 51708 | PLATFORM END KICKBOARD 1015 |
| 15 | 1 | 51712 | PLATFORM SIDE MIDRAIL 1010 |
| 17 | 10 | 51714 | HORIZONTAL SUPPORT 1003 |
| 19 | 2 | 51716 | PLATFORM SIDE KICKBOARD 1014 |
| 22 | 1 | 51719 | PLATFORM SIDE HANDRAIL 1012 |
| 23 | 11 | 51720 | ANGLE BRACE 1045 |
| 24 | 3 | 51721 | PLATFORM POST 1009 |
| 25 | 11 | 51722 | WALL BRACE 1002 |
| 26 | 4 | 51723 | SHORT POST 1029 |
| 32 | 1 | 51729 | PLATFORM SKIN 1023 |

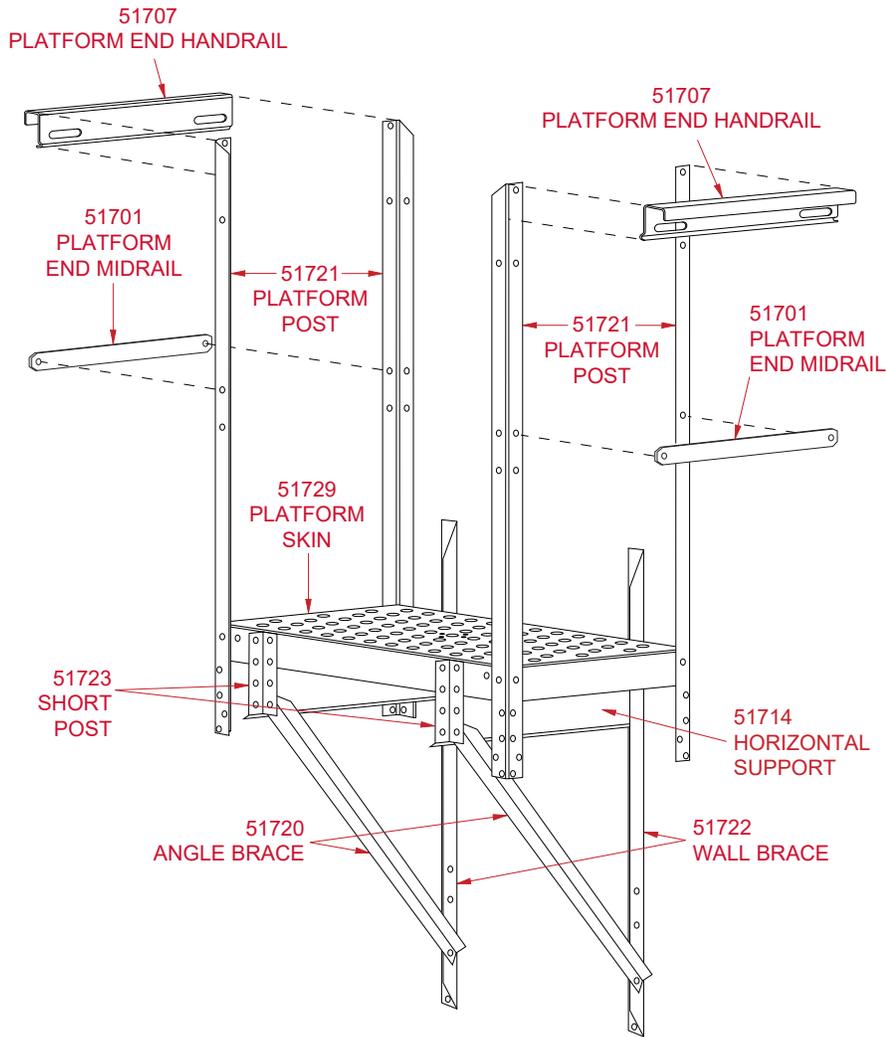


Table 2 - Twin Platform Components

| ITEM | QTY | PART # | DESCRIPTION |
|------|-----|--------|----------------------------|
| 4 | 1 | 51701 | PLATFORM END MIDRAIL 1011 |
| 10 | 1 | 51707 | PLATFORM END HANDRAIL 1013 |
| 17 | 10 | 51714 | HORIZONTAL SUPPORT 1003 |
| 23 | 11 | 51720 | ANGLE BRACE 1045 |
| 24 | 3 | 51721 | PLATFORM POST 1009 |
| 25 | 11 | 51722 | WALL BRACE 1002 |
| 26 | 4 | 51723 | SHORT POST 1029 |
| 32 | 1 | 51729 | PLATFORM SKIN 1023 |

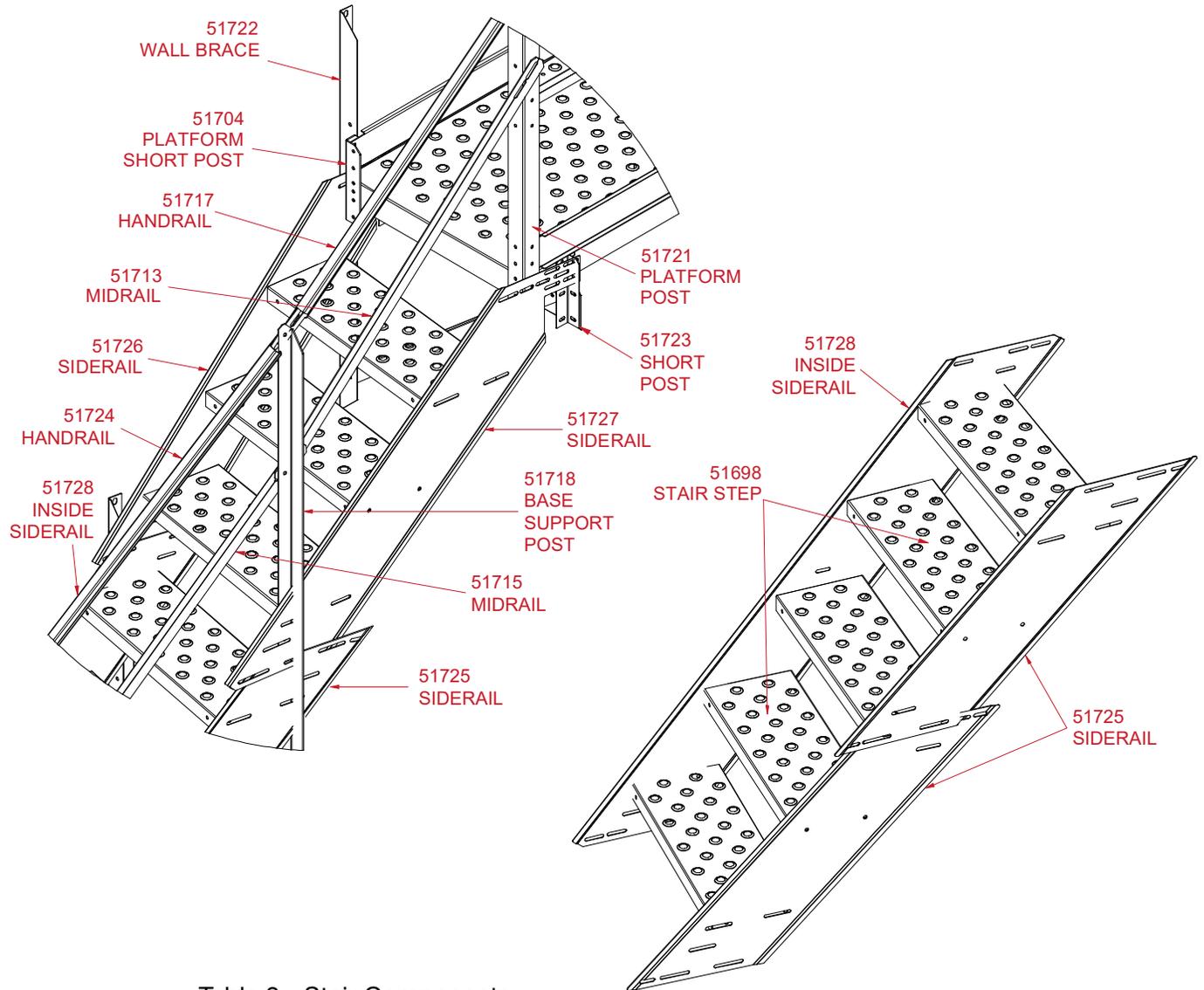


Table 3 - Stair Components

| ITEM | QTY | PART # | DESCRIPTION |
|------|-----|--------|--------------------------|
| 1 | 43 | 51698 | STAIR STEP 1007 |
| 7 | 1 | 51704 | PLATFORM SHORT POST 1025 |
| 16 | 1 | 51713 | MIDRAIL 1030 |
| 18 | 8 | 51715 | MIDRAIL 1019 |
| 20 | 1 | 51717 | HANDRAIL 1031 |
| 21 | 10 | 51718 | BASE SUPPORT POST 1001 |
| 24 | 3 | 51721 | PLATFORM POST 1009 |
| 25 | 11 | 51722 | WALL BRACE 1002 |
| 26 | 4 | 51723 | SHORT POST 1029 |
| 27 | 8 | 51724 | HANDRAIL 1020 |
| 28 | 16 | 51725 | SIDERAIL 1006 |
| 29 | 1 | 51726 | SIDERAIL 1032 |
| 30 | 1 | 51727 | SIDERAIL 1??? |
| 31 | 8 | 51728 | 45 INSIDE SIDERAIL 1005 |

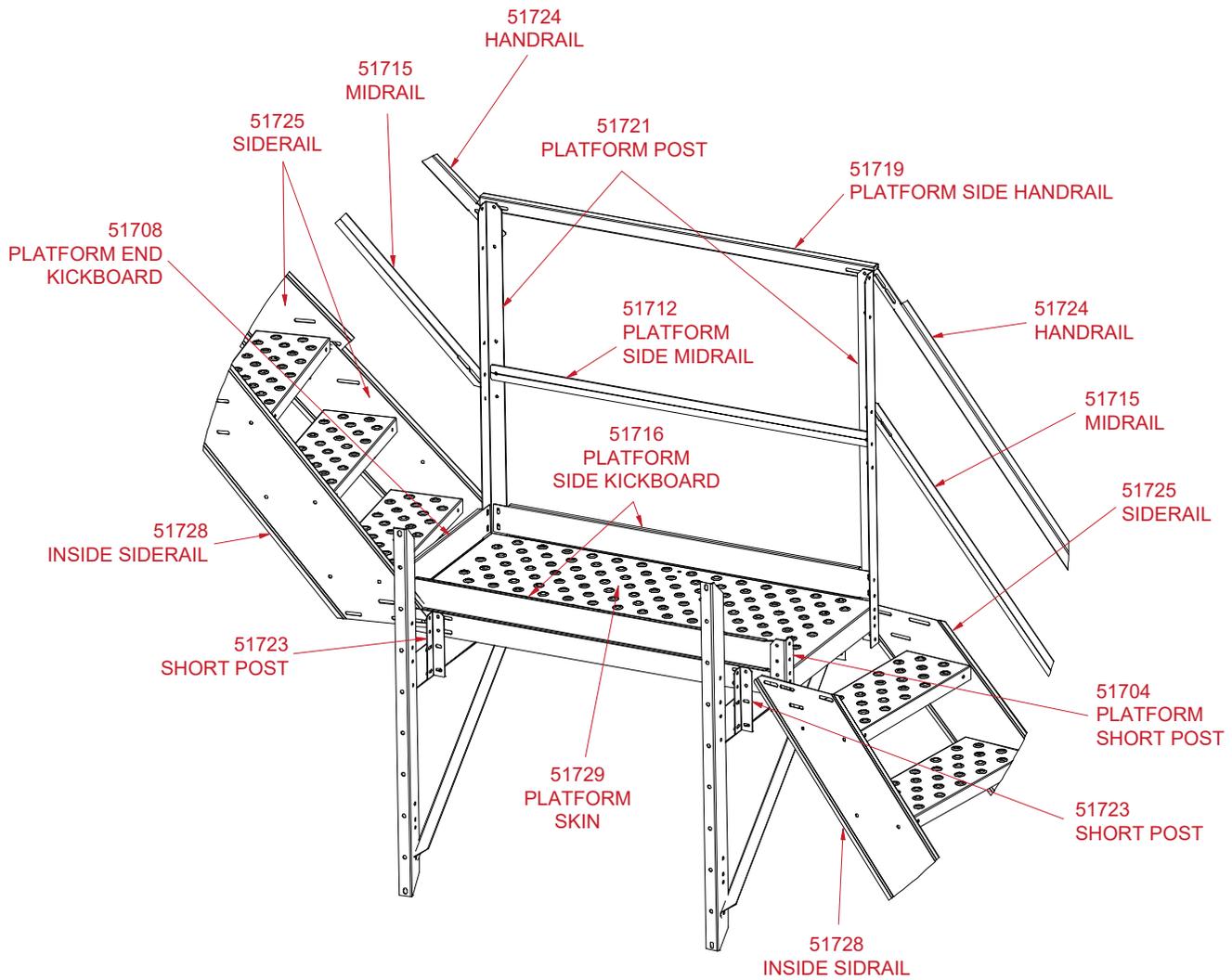


Table 4 - Part #31803: Intermediate Platform Components

| ITEM | QTY | PART # | DESCRIPTION |
|------|-----|--------|------------------------------|
| 7 | 1 | 51704 | PLATFORM SHORT POST 1025 |
| 11 | 1 | 51708 | PLATFORM END KICKBOARD 1015 |
| 15 | 1 | 51712 | PLATFORM SIDE MIDRAIL 1010 |
| 18 | 8 | 51715 | MIDRAIL 1019 |
| 19 | 2 | 51716 | PLATFORM SIDE KICKBOARD 1014 |
| 22 | 1 | 51719 | PLATFORM SIDE HANDRAIL 1012 |
| 24 | 3 | 51721 | PLATFORM POST 1009 |
| 26 | 4 | 51723 | SHORT POST 1029 |
| 27 | 8 | 51724 | HANDRAIL 1020 |
| 28 | 16 | 51725 | SIDERAIL 1006 |
| 31 | 8 | 51728 | 45 INSIDE SIDERAIL 1005 |
| 32 | 1 | 51729 | PLATFORM SKIN 1023 |

4.1 RECOMMENDED BOLT ASSEMBLY

When tightening bolts, tighten the nut (NOT the bolt) until a “snug-tightened condition” is achieved. This is defined in **Specification for Structural Joints Using ASTM A325 or A490 Bolts (June 2004)** as:

“The snug-tightened condition is the tightness that is attained with a few impacts of an impact wrench or the full effort of an ironworker using an ordinary spud wrench to bring the connected plies into **firm contact**.”

Properly tightening the bolt will result in compressing the sealing washer noticeably. This is a requirement and all assembly crew members must be made aware of how to achieve a “snug-tightened condition” using common building tools. See the table below for minimum impact gun torque capacity necessary to achieve “snug-tightened condition” for bolts in the assembly process.

If caulking is being used at any joints, it is important that the bolts are tightened enough to squeeze the caulking and bring the surfaces of the parts into firm contact with each other. This is especially important to monitor when installing bolts in temperatures approaching -10°C (14°F).

Do not substitute bolts in place of those supplied by Meridian Manufacturing Inc.

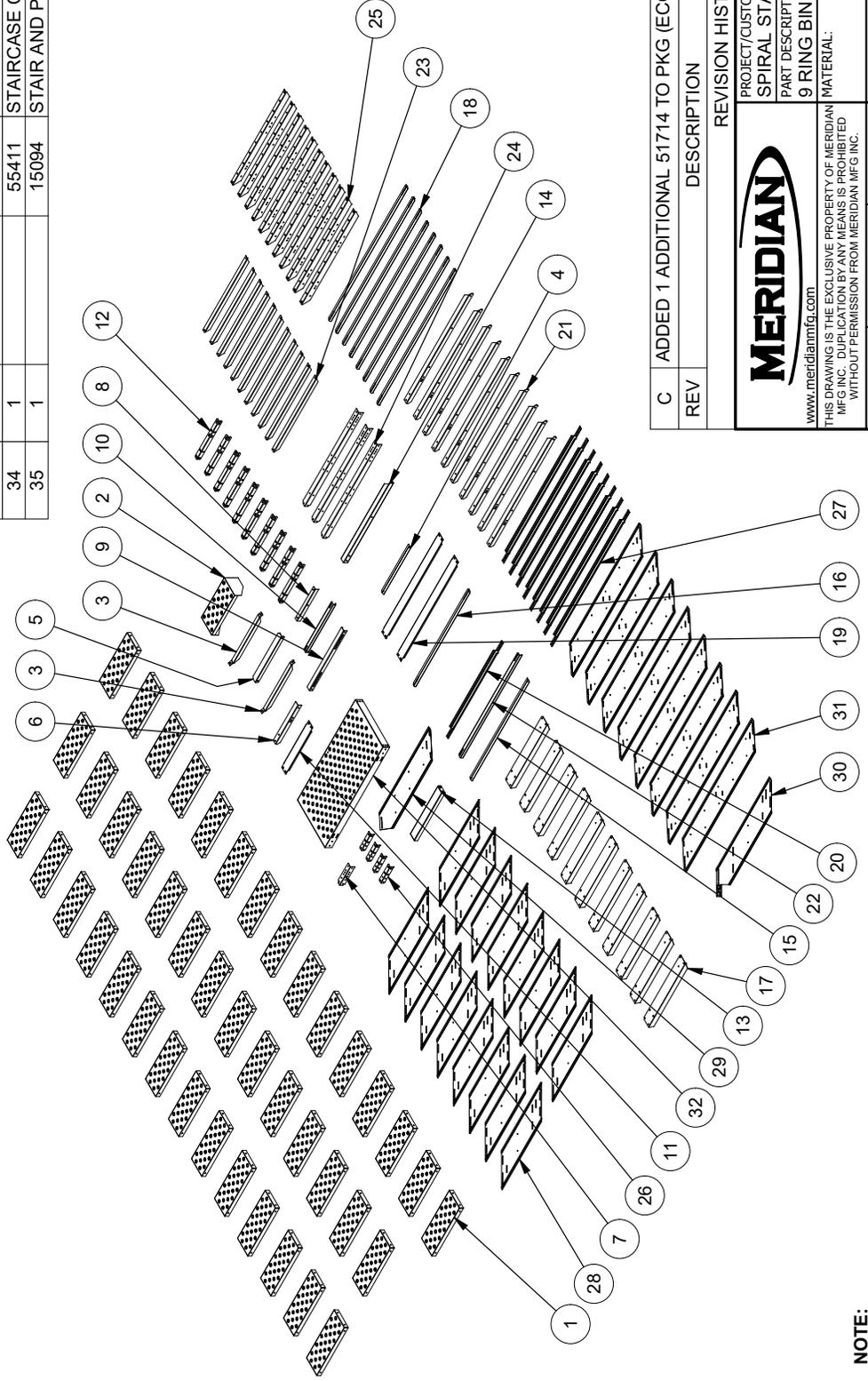
**ALWAYS TIGHTEN THE NUT,
NOT THE BOLT!**

Table 5 - Recommended Impact Gun Torque Capacity for Snug-Tightened Condition Bolts

| BOLT DIAMETER (in) | BOLT GRADE | GRADE MARK | RECOMMENDED TORQUE CAPACITY | | |
|-----------------------|------------|---|-----------------------------|-------|----|
| | | | in-lb | ft-lb | Nm |
| 3/8 | 8.2 |  | 520 | 43 | 58 |

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| ITEM | QTY | MASS | PART # | DESCRIPTION | ITEM | QTY | MASS | PART # | DESCRIPTION |
|------|-----|--------------|--------|-----------------------------|------|-----|---------------|--------|--|
| 1 | 43 | 5.325 lbmass | 51698 | STAIR STEP 1007 | 17 | 11 | 3.981 lbmass | 51714 | HORIZONTAL SUPPORT 1003 |
| 2 | 1 | 5.613 lbmass | 51699 | BOTTOM PLATFORM 1 ??? | 18 | 8 | 3.878 lbmass | 51715 | MIDRAIL 1019 |
| 3 | 2 | 1.414 lbmass | 51700 | BOTTOM KNEE BRACE 1026 | 19 | 2 | 4.754 lbmass | 51716 | PLATFORM SIDE KICKBOARD 1014 |
| 4 | 1 | 0.984 lbmass | 51701 | PLATFORM END MIDRAIL 1011 | 20 | 1 | 3.435 lbmass | 51717 | HANDRAIL 1031 |
| 5 | 1 | 1.819 lbmass | 51702 | BRACE 1008 | 21 | 10 | 5.541 lbmass | 51718 | BASE SUPPORT POST 1001 |
| 6 | 1 | 1.972 lbmass | 51703 | BASE SUPPORT POST 1018 | 22 | 1 | 3.576 lbmass | 51719 | PLATFORM SIDE HANDRAIL 1012 |
| 7 | 1 | 1.008 lbmass | 51704 | PLATFORM SHORT POST 1025 | 23 | 11 | 3.192 lbmass | 51720 | ANGLE BRACE 1045 |
| 8 | 1 | 1.341 lbmass | 51705 | BASE PAD 1040 | 24 | 3 | 5.641 lbmass | 51721 | PLATFORM POST 1009 |
| 9 | 1 | 2.732 lbmass | 51706 | BASE POST B 1028 | 25 | 11 | 3.778 lbmass | 51722 | WALL BRACE 1002 |
| 10 | 1 | 1.682 lbmass | 51707 | PLATFORM END HANDRAIL 1013 | 26 | 4 | 0.476 lbmass | 51723 | SHORT POST 1029 |
| 11 | 1 | 2.185 lbmass | 51708 | PLATFORM END KICKBOARD 1015 | 27 | 8 | 5.081 lbmass | 51724 | HANDRAIL 1020 |
| 12 | 10 | 1.585 lbmass | 51709 | SHORT POST 1021 | 28 | 16 | 7.133 lbmass | 51725 | SIDERAIL 1006 |
| 13 | 1 | 4.638 lbmass | 51710 | BOTTOM BRACE 1024 | 29 | 1 | 8.713 lbmass | 51726 | SIDERAIL 1032 |
| 14 | 1 | 5.834 lbmass | 51711 | POST 1016 | 30 | 1 | 9.373 lbmass | 51727 | SIDERAIL 17?? |
| 15 | 1 | 2.100 lbmass | 51712 | PLATFORM SIDE MIDRAIL 1010 | 31 | 8 | 12.945 lbmass | 51728 | 45 INSIDE SIDERAIL 1005 |
| 16 | 1 | 2.729 lbmass | 51713 | MIDRAIL 1030 | 32 | 1 | 26.635 lbmass | 51729 | PLATFORM SKIN 1023 |
| | | | | | 33 | 1 | | 34191 | SPIRAL STAIRCASE MANUAL INSTALLATION GUIDE |
| | | | | | 34 | 1 | | 55411 | STAIRCASE GRATE |
| | | | | | 35 | 1 | | 15094 | STAIR AND PLATFORM HARDWARE KIT - 9 RING |



| REV | DESCRIPTION | DATE | DESIGNER |
|-----|--|------------|----------|
| C | ADDED 1 ADDITIONAL 51714 TO PKG (ECO 3460) | 07/07/2023 | AFA |

| REVISION HISTORY | |
|------------------------|---|
| PROJECT/CUSTOMER NAME: | SPIRAL STAIRS |
| PART DESCRIPTION: | 9 RING BIN STAIRCASE PKG |
| MATERIAL: | WEIGHT: 828.84 lbmass FABRICATION: XXX |

| DRAWN BY: | DRAWN BY DATE: | CHECKED BY: | PART/DRAWING NUMBER: | REV: | SCALE: | SHEET No: |
|-----------|----------------|-------------|----------------------|------|--------|-----------|
| BP | 10/18/2019 | DS | 40668 | C | 1 / 58 | 1 OF 1 |

NOTE:
HARDWARE KIT CONTAINS: 5/16" x 3/4" SERRATED FLANGE HEX BOLTS AND NUTS. 420 PCS EA.



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WARRANTY STATEMENT

1. Meridian Manufacturing Inc, hereafter referred to as Meridian, guarantees its products against any defects in materials or workmanship for a period of twelve (12) months from the date of purchase, provided that the said products are set up according to its instructions and recommendations and also that the said products are operated and used in proper conditions and according to its instructions and recommendations.
2. Meridian's responsibility and obligations under this warranty shall be limited to replacement of parts and shall not extend to parts, equipment or accessories that are component parts of Meridian's products but that are manufactured by other manufacturers. Those manufacturers' warranty will apply to such parts, equipment or accessories. Any parts set up by reason of the application of this warranty shall be amenable to the terms of this warranty except that the period of twelve (12) months applicable to such parts shall be peremptory and that upon termination of the said period, warranty shall be null and void, for any purpose whatsoever with respect to the said parts substituted to it before the termination of the said period of twelve (12) months.
3. This warranty shall not extend to loss and damage to content of the products, neither to property or loss of revenue. Moreover, it shall not extend to bodily injuries, including death, sustained by any person or animal.
4. The purchaser shall give notice to Meridian, without delay, of any damage or defects to its products that he may ascertain before they are set up, otherwise this warranty will not apply to such damage or defects.
5. Any modification or incorporation whatsoever made to products, except those authorized or recommended by Meridian, shall void this warranty; this warranty shall not apply to damages resulting from improper installation or erection of products by purchaser.
6. This warranty is the sole and only warranty and it is in lieu of any other warranty, express or implied, statutory or not.
7. Any claim under this warranty shall be notified in writing to Meridian's head office within thirty (30) days from the failure.

Specifications and descriptions are subject to change without notice.

Register your product at: www.meridianmfg.com
For warranty information send an email to: warranty@meridianmfg.com

WARRANTY REQUEST PROCEDURE

1. The product must be registered with Meridian Manufacturing Inc.
2. The purchaser must contact the dealer, from where the unit was purchased, immediately upon discovery of any defects.
3. A completed Warranty Request (Claim) Form must be submitted by the dealer to Meridian's warranty representative for review and any subsequent course of action.
 - Warranty requests must be completed with ALL required information in order it to be considered for approval.
 - Send photographs of the entire piece of equipment, and of the specific area of concern.
4. Warranty repair work will only be performed by Meridian or an approved representative of Meridian. Warranty work completed prior to Meridian's approval will NOT be honoured. Failure to follow this procedure may affect any or all of this warranty.
5. All warranty requests will be adjudicated at the sole discretion of Meridian and in accordance with the terms and conditions of the warranty.



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