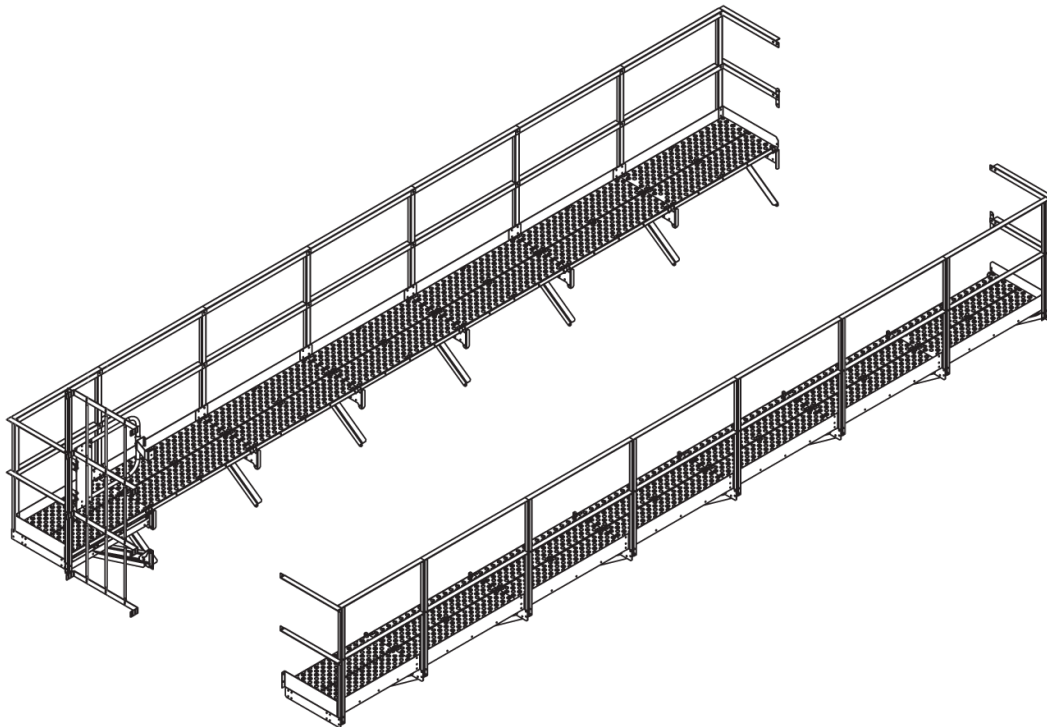




Side Platforms

For Mixed-Flow Dryer

Installation Manual



Platform Models:

TM05510 – 16' DRYER; TM05511 – 24' DRYER; TM05512 – 32' DRYER

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<u>DATE</u>	<u>REVISION</u>	<u>PAGE</u>
07/12/2021	Added part numbers to drawings of brackets for back corners of platforms.....	5
	Changed plank support plate part number to TM05539	6
	Added drawing showing part numbers of cage & gate	7

INTRODUCTION

Follow directions in this document for installation of side platforms on Mixed-Flow Dryer

IMPORTANT: Follow applicable safety guidelines in Mixed-Flow Grain Dryer Owner’s Operation Manual, L2414, while performing work outlined in this manual.

If you did not receive a copy of Mixed-Flow Grain Dryer Owner’s Operation Manual, contact Sukup Manufacturing Co. by phone, fax, e-mail or regular mail and request a copy of Manual L2414. Contact information is on cover and back of this manual.

Receiving and Inspection

Carefully inspect shipment for damage as soon as it is received. Verify that quantity of parts or packages received corresponds to quantity shown on packing slip. Report any damage or shortage to delivery carrier as soon as possible. Sukup Manufacturing’s responsibility for damage to equipment ended with acceptance by delivery carrier. Refer to bill of lading. Save all paperwork and documentation furnished with components.

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GENERAL INSTRUCTIONS

Drawings in this manual provide parts identification and assembly details. Familiarize yourself with parts and drawings of brackets used. Preparation and assembly instructions are the same for 16', 24' and 32' dryers, although quantities differ. Use 5/16" hardware for assembly of platforms and for attachment to dryer.

Following are general instructions:

- Remove toe kick, handrails and cage from sides of existing rear platform on dryer.
- Assemble and attach left and right rear corner brackets.
- Working toward front of dryer, connect side brackets.
- Attach decking and toe kicks, uprights and handrails.
- Assemble back cage and attach to back platform.
- Attach handrails of side platforms to front of dryer and to back platform and new cage.

NOTICE: Ensure dryer is not full of grain when attaching platforms. Loosening bolts for attachment of components could result in damage to dryer if there is pressure from grain.

NOTE: References to left and right sides of dryer are as seen from rear of dryer (discharge end) unless otherwise noted. Leave all bolts loose until completion of handrail installation.

DIMENSIONS

Fig. 1 shows width of platforms on all dryers. Fig. 2 shows handrail height on all. Figs. 3-5 show lengths.

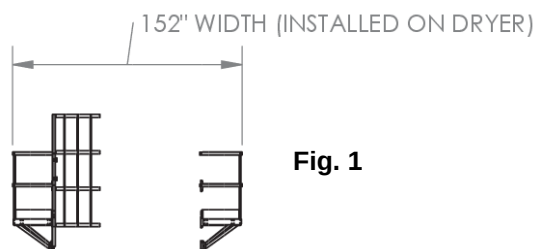


Fig. 1

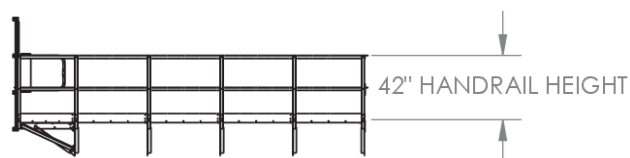


Fig. 2

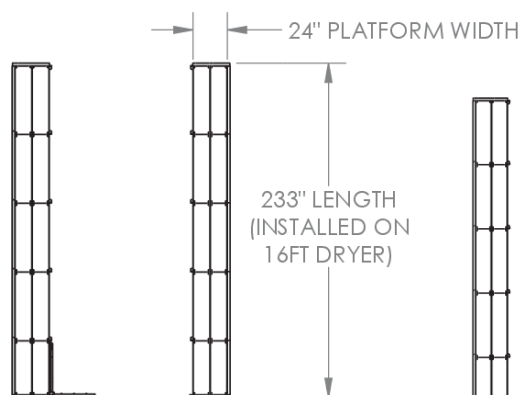


Fig. 3

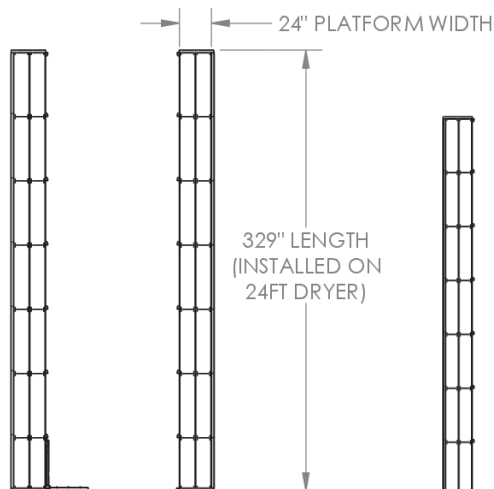


Fig. 4

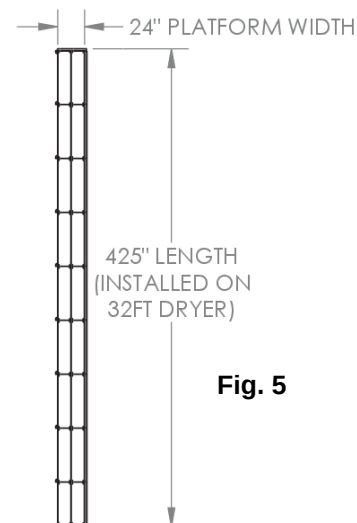
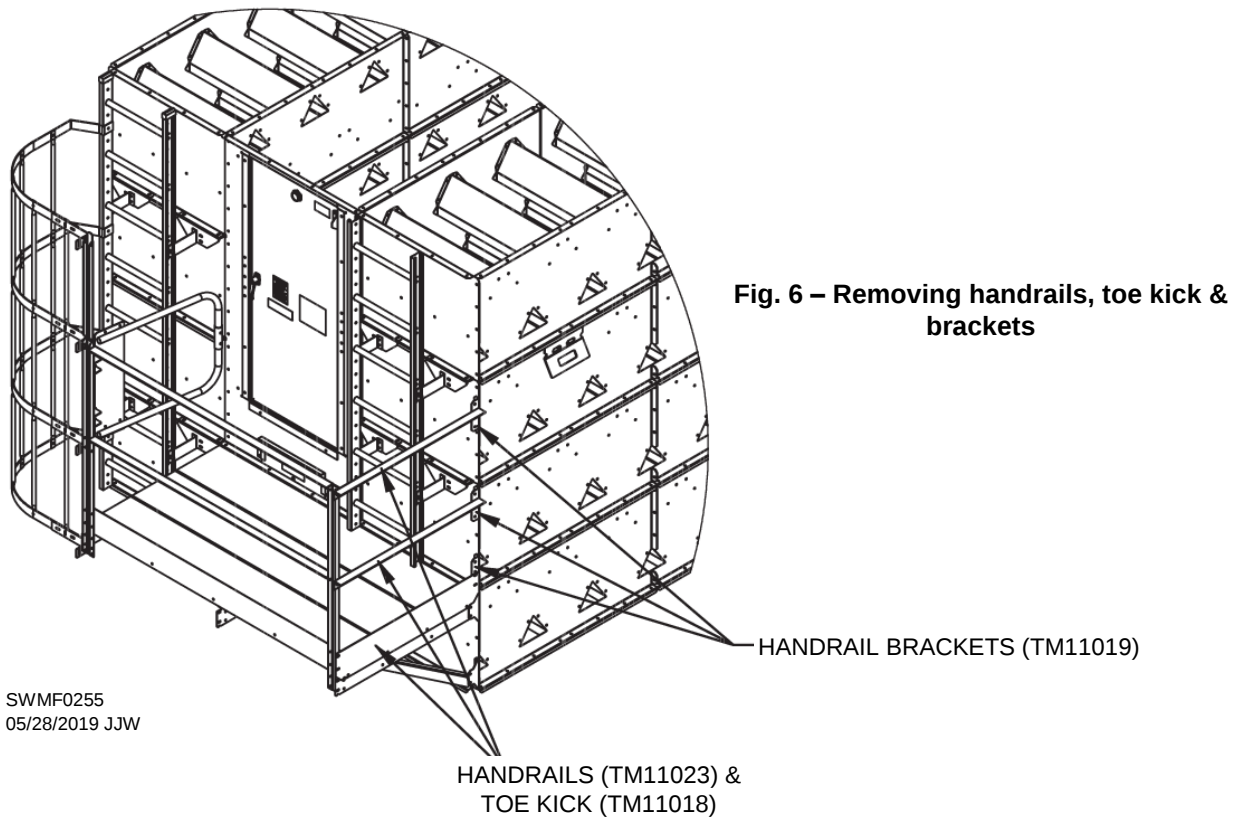


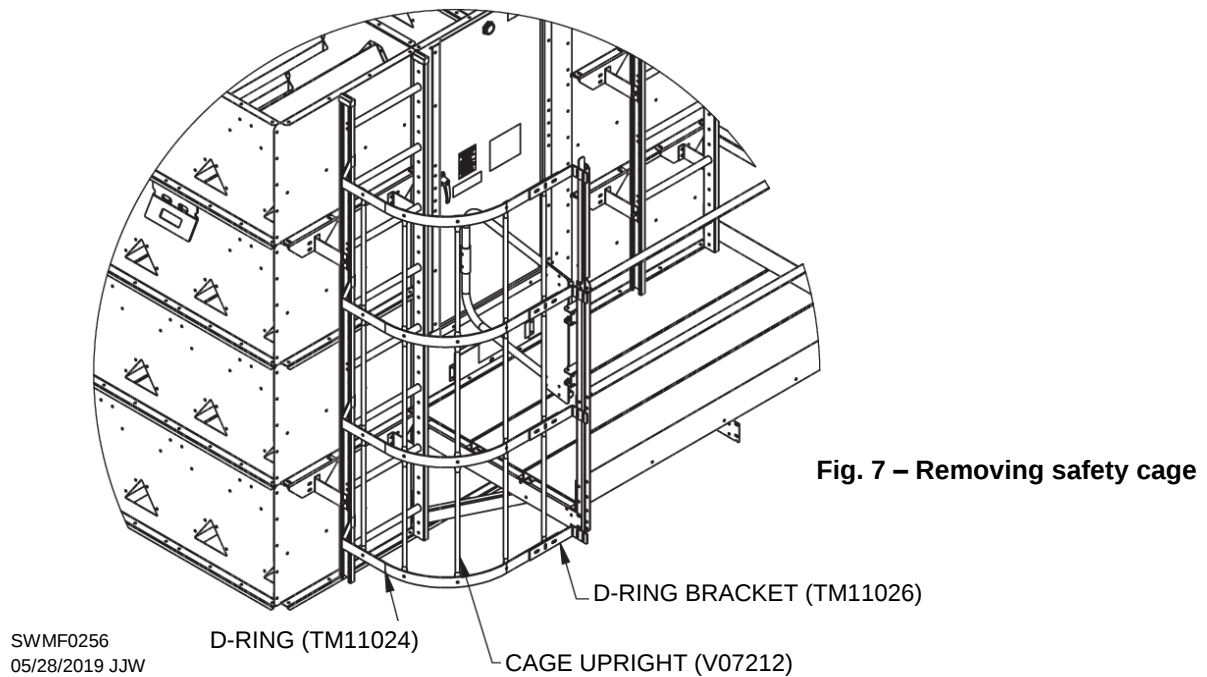
Fig. 5

INSTALLATION PREPARATIONS

Start by removing two handrails, three handrail brackets and toe kick as shown in Fig. 6.

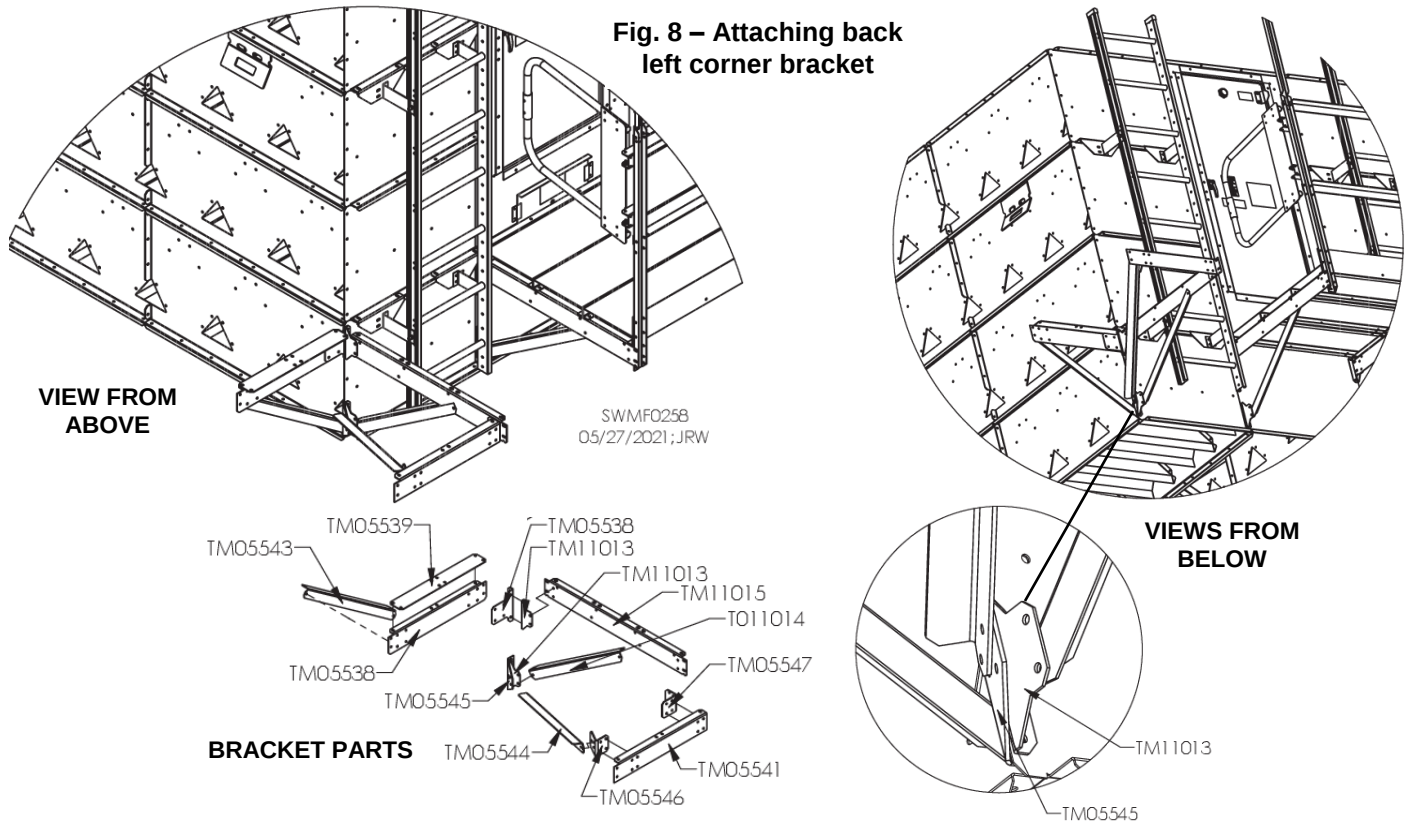


Remove four D-rings, 15 cage uprights and four D-ring brackets. See Fig. 7. Save uprights for later.

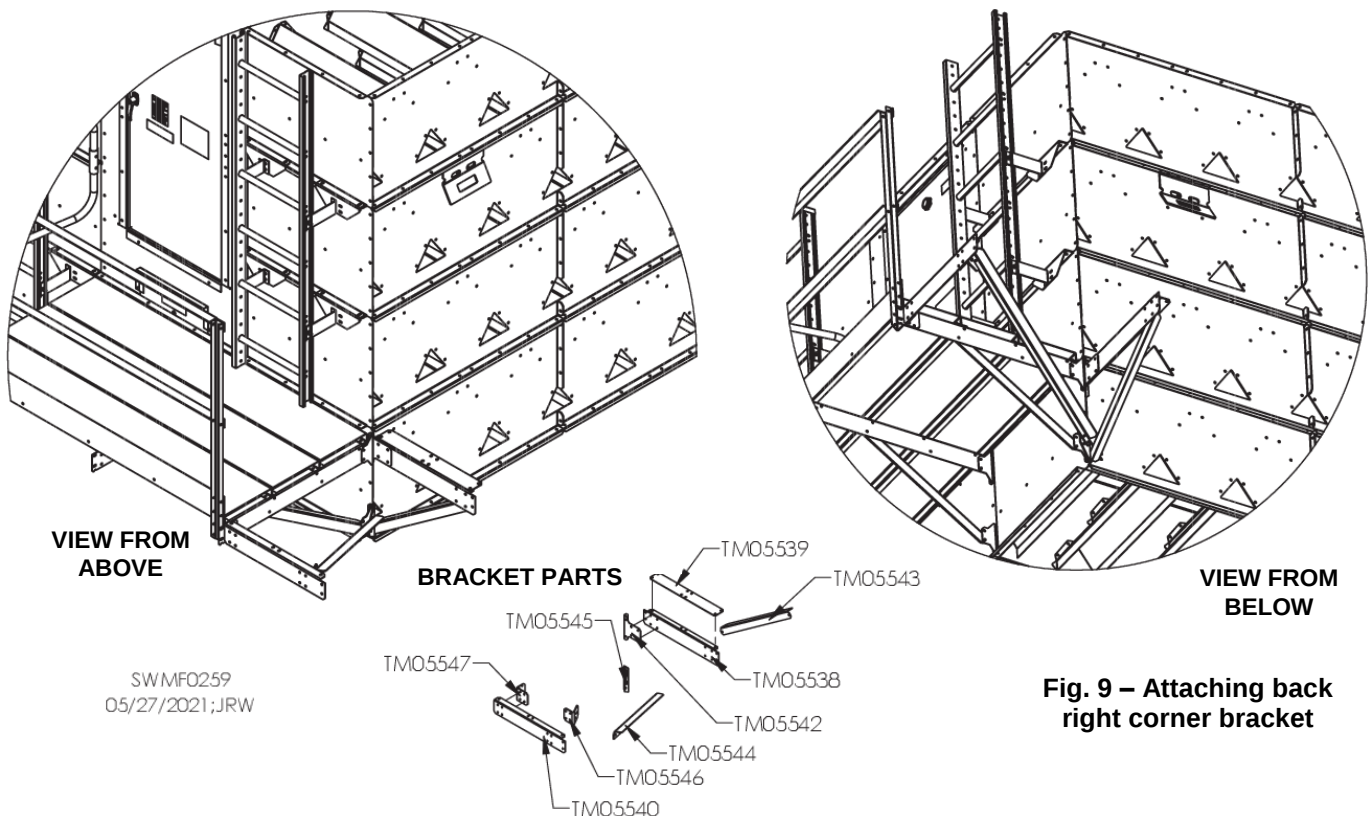


ATTACHING PLATFORM BRACKETS

Assemble and attach bracket for back left corner of platform as shown below and in Detail A on Page 9.

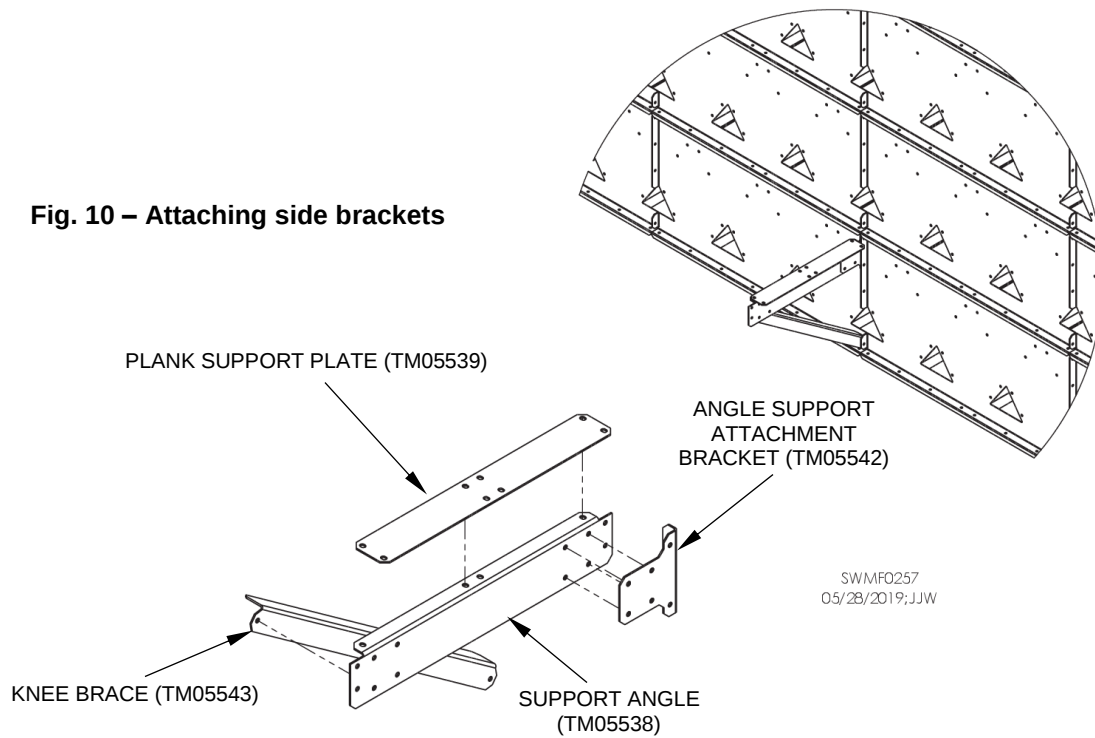


Assemble and attach bracket for back right corner of platform as shown below and in Detail B on Page 9.



Assemble side platform brackets and attach to dryer as shown.

Fig. 10 – Attaching side brackets



ATTACHING PLANKS, HANDRAILS, CAGE & SAFETY GATE

Attach planks and toe kicks to platform supports as shown below.

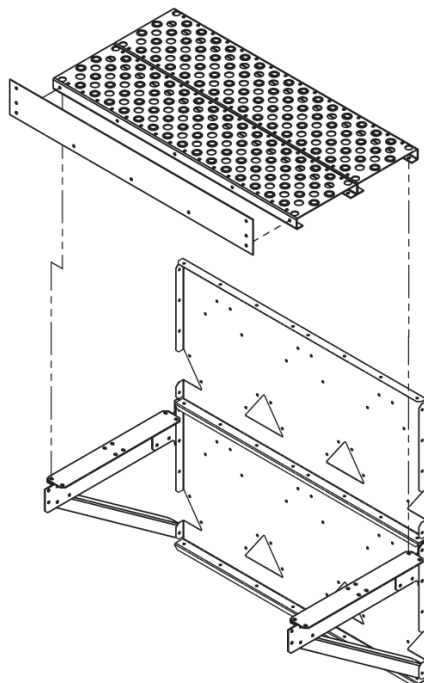
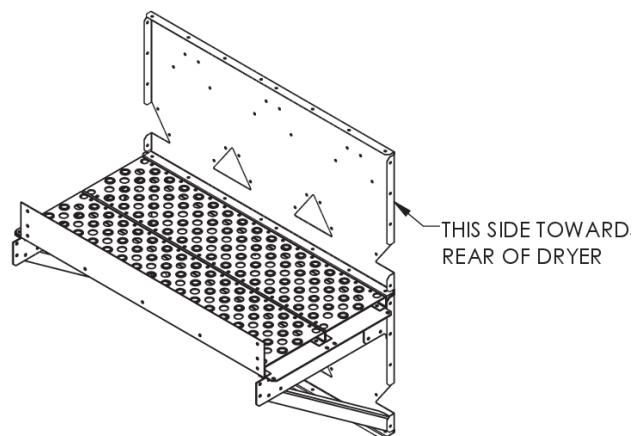


Fig. 11 – Attaching planks



Attach uprights and handrails to side platforms as shown on next page.

Assemble back cage using four cage brackets (TM05548), extended upright (TM11120), handrails and nine previously removed uprights. See Fig. 12. Attach safety gate (BSG0010) to extended upright. Attach gate stop (TM11027) to gate. See Fig. 12.

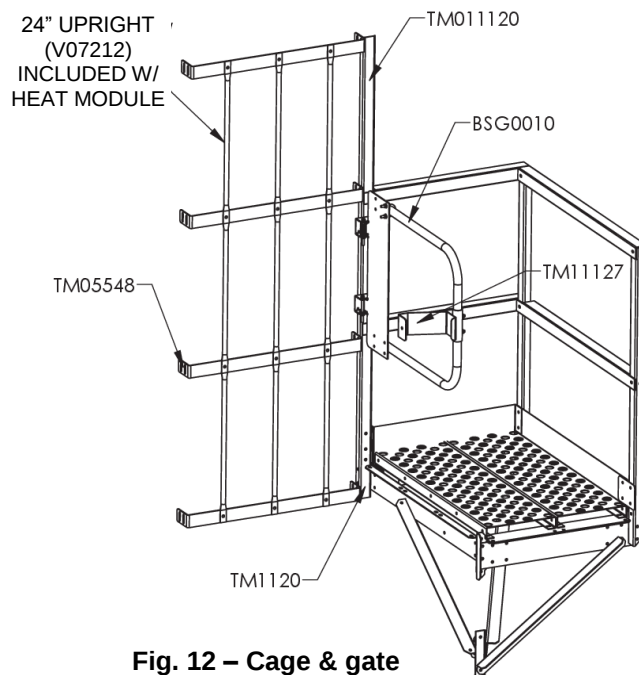
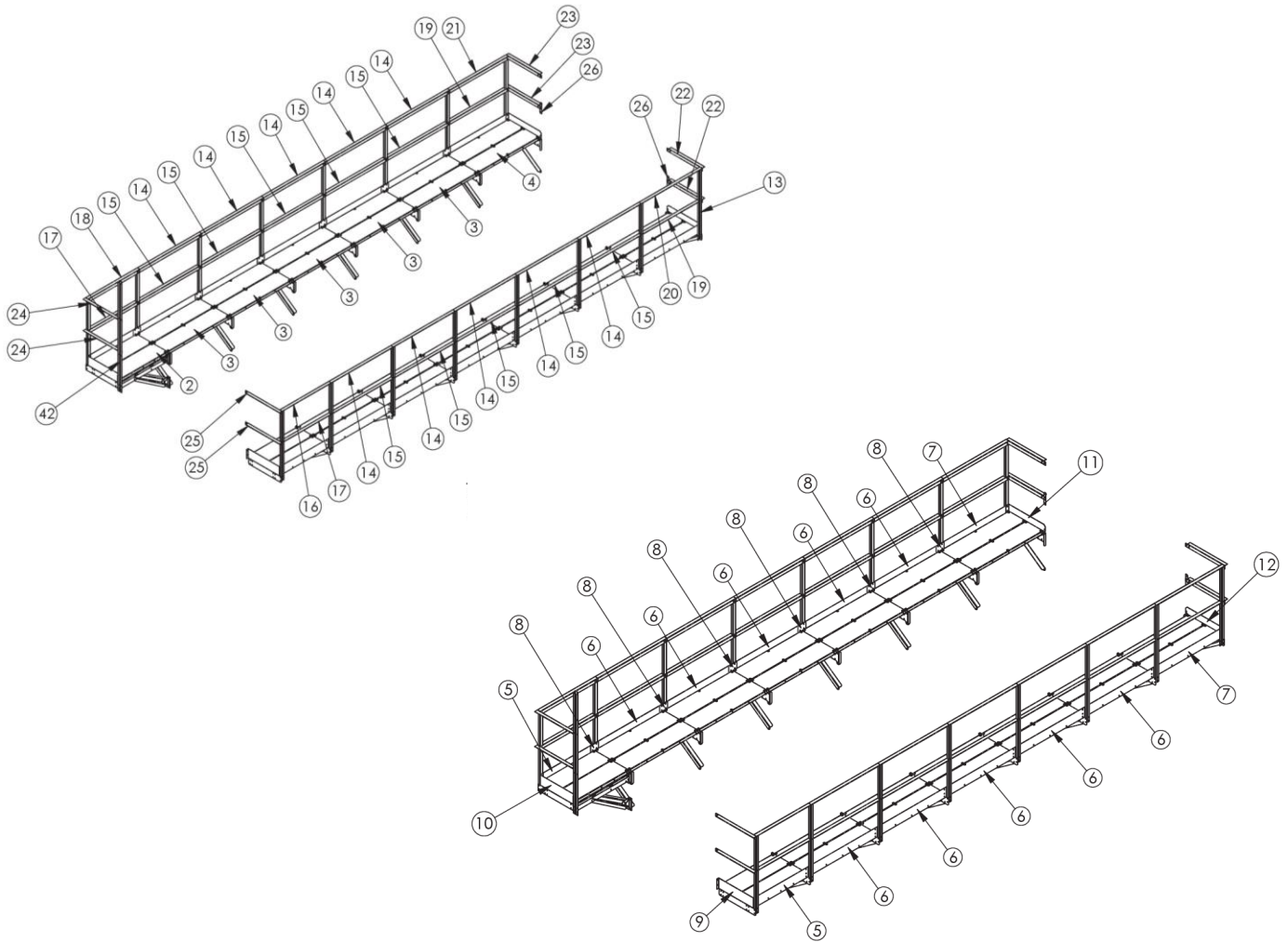


Fig. 12 – Cage & gate

Attach handrails of side platforms to front of dryer and to uprights of back platform and to new cage. See drawing on next page.

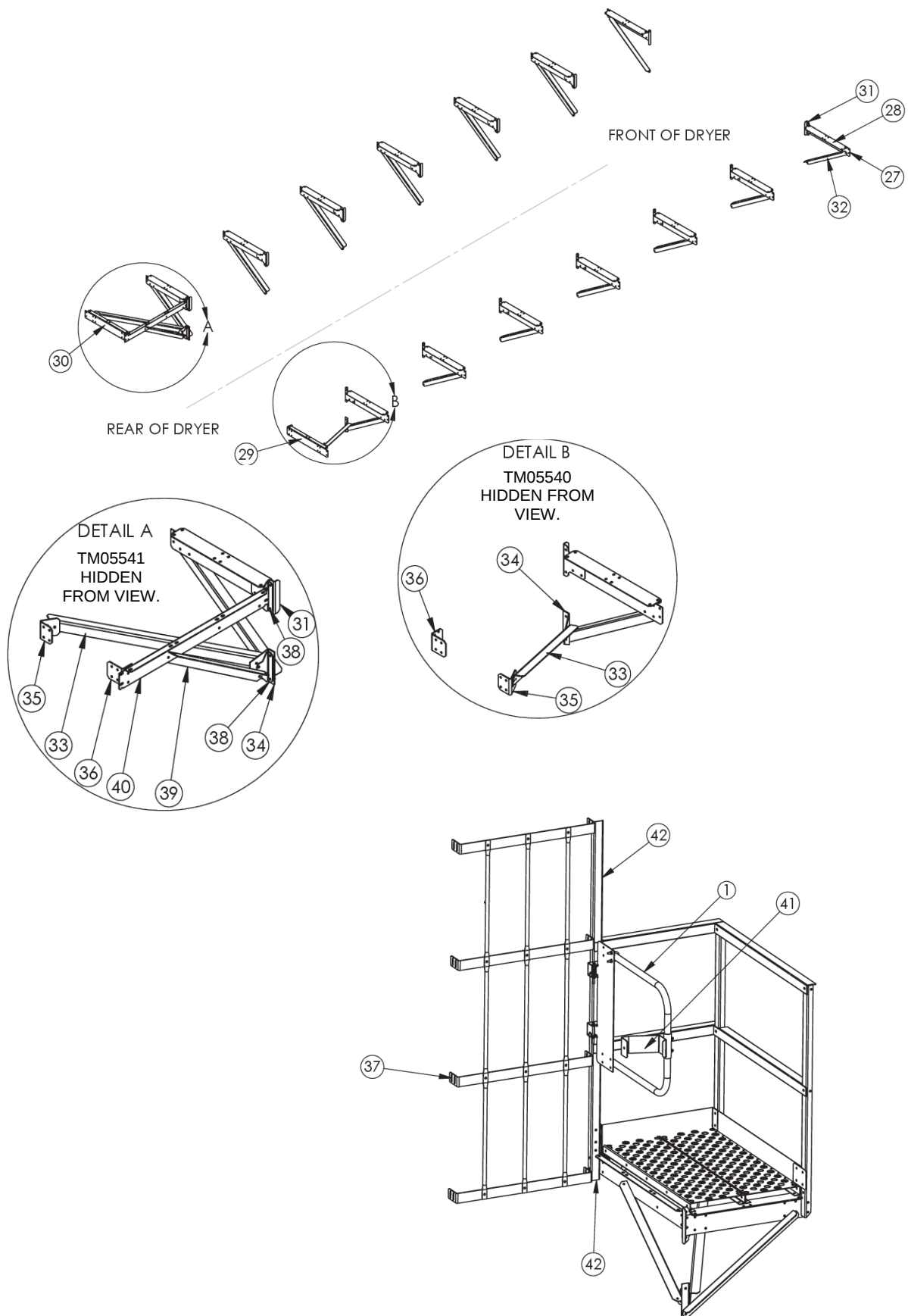
PARTS IDENTIFICATION

See drawings below and on next page for identification of parts. Table shows descriptions and quantities.



ITEM	PART #	DESCRIPTION	16FT	24FT	32FT
1	BSG0010	GATE, PLATFORM, BIN LADDER	1	1	1
2	TM05513	PLANK, PLATFORM, SIDE, 37.73	4	4	4
3	TM05514	PLANK, PLATFORM, SIDE, 48.00	12	20	28
4	TM05515	PLANK, PLATFORM, SIDE, 47.68	4	4	4
5	TM05516	TOEKICK, 37.65, SIDE PLATFORM	2	2	2
6	TM05517	TOEKICK, 48.00, SIDE PLATFORM	6	10	14
7	TM05518	TOEKICK, 47.68, SIDE PLATFORM	2	2	2
8	TM05519	SPLICE, TOEKICK, SIDE PLATFORM	8	12	16
9	TM05520	TOEKICK, REAR, RIGHT, SIDE PLTFRM	1	1	1
10	TM05521	TOEKICK, REAR, LEFT, SIDE PLTFRM	1	1	1
11	TM05522	TOEKICK, FRONT, LEFT, SIDE PLTFRM	1	1	1
12	TM05523	TOEKICK, FRNT, RIGHT, SIDE PLTFRM	1	1	1
13	TM05524	UPRIGHT, SIDE PLATFORM	12	16	20
14	TM05525	HANDRAIL, UPPER, 50IN, SINGLE CUT	6	10	14
15	TM05526	HANDRAIL, LOWER, 50IN, DOUBLE CUT	6	10	14
16	TM05527	HANDRAIL, UPPER, REAR, RIGHT	1	1	1
17	TM05528	HANDRAIL, LOWER, REAR	2	2	2
18	TM05529	HANDRAIL, UPPER, REAR, LEFT	1	1	1
19	TM05530	HANDRAIL, LOWER, FRONT	2	2	2
20	TM05531	HANDRAIL, UPPER, FRONT, RIGHT	1	1	1
21	TM05532	HANDRAIL, UPPER, FRONT, LEFT	1	1	1

ITEM	PART #	DESCRIPTION	16FT	24FT	32FT
22	TM05533	HANDRAIL, FRONT, RIGHT, END	2	2	2
23	TM05534	HANDRAIL, FRONT, LEFT, END	2	2	2
24	TM05535	HANDRAIL, REAR, LEFT, END	2	2	2
25	TM05536	HANDRAIL, REAR, RIGHT, END	2	2	2
26	TM05537	BRKT, HANDRAIL, FRONT	2	2	2
27	TM05538	ANGLE, SUPPORT, SIDE PLATFORM	10	14	18
28	TM05539	ADAPTER PLATE, PLANK, SUPPORT	10	14	18
29	TM05540	ANGLE, SUPPORT, REAR, RIGHT	1	1	1
30	TM05541	ANGLE, SUPPORT, REAR, LEFT	1	1	1
31	TM05542	BRKT, ATTACH, ANGLE, SUPPORT	10	14	18
32	TM05543	BRACE, KNEE, SIDE PLATFORM	10	14	18
33	TM05544	BRACE, KNEE, REAR, CORNER	2	2	2
34	TM05545	BRKT, KNEE BRACE, LOWER, CORNER	2	2	2
35	TM05546	BRKT, KNEE BRACE, UPPER, CORNER	2	2	2
36	TM05547	BRKT, ATTACH, ANGLE, SUPPORT, REAR	2	2	2
37	TM05548	BRACKET, CAGE UPRIGHT	4	4	4
38	TM11013	BRACKET, PLATFORM, SIDEWALL	2	2	2
39	TM11014	BRACE, KNEE, REAR, PLATFORM	1	1	1
40	TM11015	ANGLE, SUPPORT, REAR PLATFORM	1	1	1
41	TM11027	STOP, GATE, LADDER PLATFORM	1	1	1
42	TM11120	UPRIGHT, EXTENDED, PLTFRM, REAR	1	1	1



CONTACT INFORMATION

Owner's manuals are available from Sukup Manufacturing Co. and additional copies can be requested at address, phone number or e-mail address shown below. Please indicate manual number L24146 when requesting Side Platforms for Mixed-Flow Dryers Installation Manual.

Sukup Dealer Information

Dealer name: _____
Address: _____
Cell phone: _____
Office phone: _____
Fax: _____

Emergencies – Know What To Do

Have emergency numbers and written directions to your location readily available in case of emergency. An area for emergency phone numbers to be recorded is provided below.

Ambulance • Fire • Police: 9-1-1
Bin rescue team: _____
Emergency medical squad: _____
Address of work site: _____
Directions to work site: _____



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