



Tower Dryers

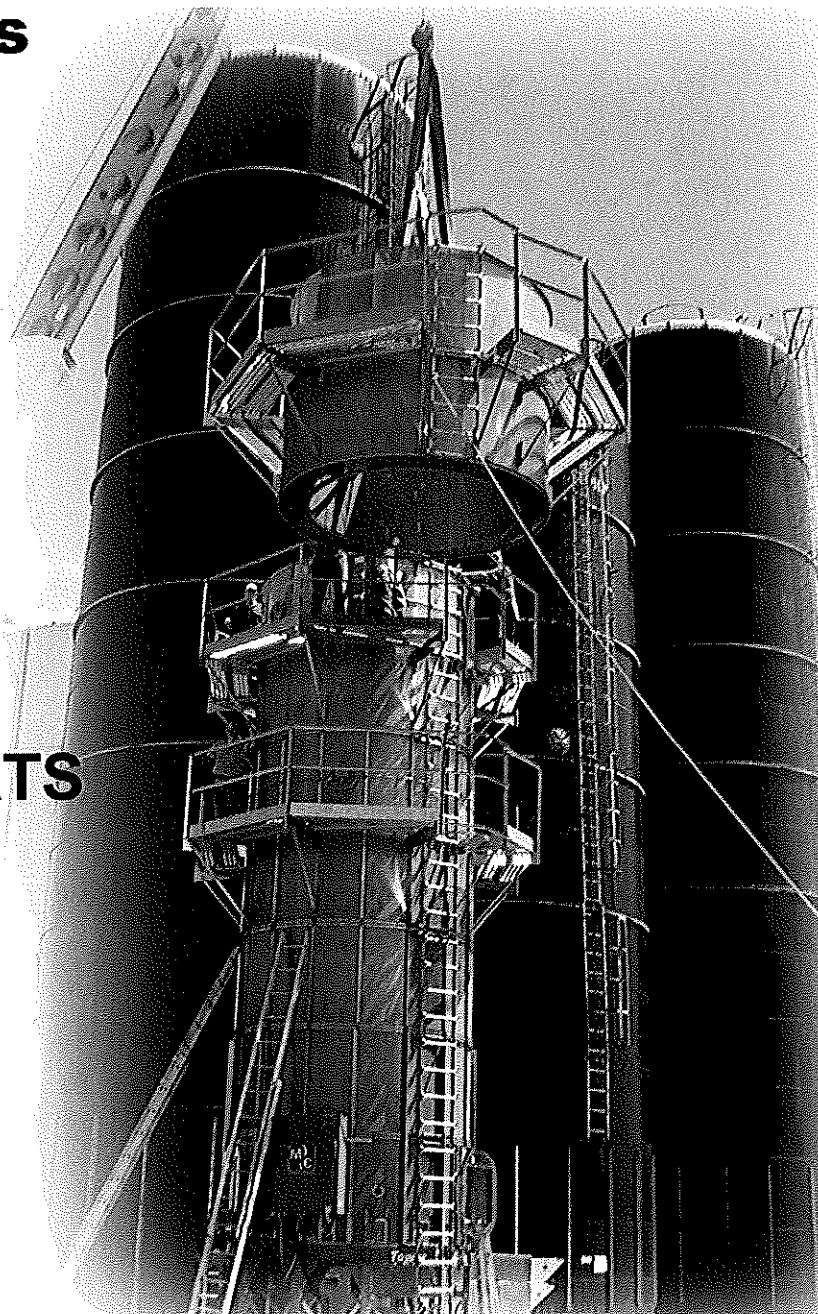
Single Fan Models

10520 10840
10630 101050
10730 101275

10 ft. (3m.) Diameter

INSTALLATION & PARTS MANUAL

2008



Mathews Company

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INSTALLATION

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SECTION 1

INSTALLATION

CONCRETE FOUNDATION — GENERAL NOTES

General

1. Refer to design criteria listed on drawings, pp. 2-4.
2. Contractors to assume full responsibilities for:
 - a. Compliance with the contract documents
 - b. Dimensions to be confirmed and correlated on the job site and between individual drawings or sets of drawings.
 - c. Coordination of the various trades.
 - d. Safe conditions on the job site.
3. Unless otherwise noted, all details, sections and notes on the drawings are intended to be typical for similar situations elsewhere.

Foundation

1. Footings are designed for a minimum soil bearing capacity of 2000 PSF.
2. All foundations shall be carried down to depths shown on the drawings, or deeper, if necessary to reach undisturbed soil of design capacity.
3. Approved fill material in locations where engineered fill is required to obtain proper foundation bearing condition, shall be placed in layers not exceeding 9" in loose thickness and compacted to a minimum of 95% of the maximum density obtained in accordance with ASTM specification D1557 Modified Proctor Method, latest edition.
4. Beneath silo area, sub-grade preparation shall include the removal of all unsuitable surface soils including soft clays, highly organic top soil, root matter, debris, and other deleterious materials.
5. If fill material is required, the zone of compacted fill shall be extended one foot beyond the edges of the footing for each corresponding foot of thickness of the compacted fill below the footing.

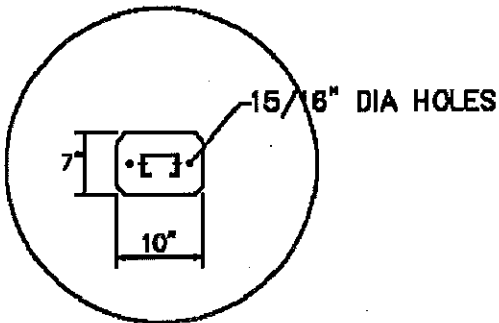
Concrete

1. Concrete work shall conform to:
 - a. ACI 318-89.R.92, Standard Building Requirements for Reinforced Concrete.
 - b. ACI 301, Specification for Structural Concrete in Buildings.
2. Ultimate Compression Strength of Portland Cement Concrete, 150 PCF standard weight, at 28 days, shall be 3000 PSI, air entrained (6% ± 1%)
3. Concrete contractor shall supervise all trades regarding piping, electrical conduit, fixture inserts, anchors etc. Passing through concrete bars shall not be cut or displaced unless absolutely necessary, and then only by concrete contractor. Matching bars equal to cut bars shall be added with proper laps and embedments, clear distance between sleeves shall be minimum 8".
4. No aluminum of any type shall be allowed in the concrete works unless coated to prevent aluminum-concrete reaction. This includes pumping through aluminum pipe.
5. Reinforcing bars shall conform to ASTM Specification 1-615, Grade 60.
6. All laps for rebar, when not dimensioned on drawings, shall be 40 bar diameters.
7. Unless otherwise noted, principal reinforcement shall have following reinforcement cover: 3" on bottom, 6" on top, 2" on sides.

Anchor Bolts

1. Anchor Bolts – ¾" HILTY HY 150 anchors or equivalent with A36 steel and 10" embed.
2. Anchor bolts shall be paced no closer than 10" from the edge of the foundation.

CONCRETE FOUNDATION FOR 10520 10630 & 10730 TOWER DRYERS

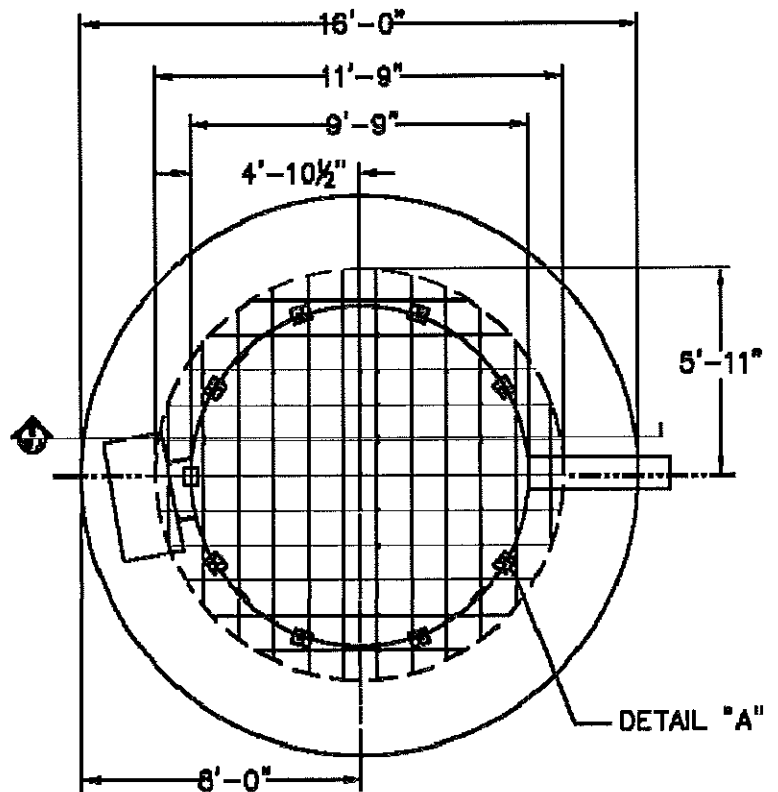


DETAIL "A"

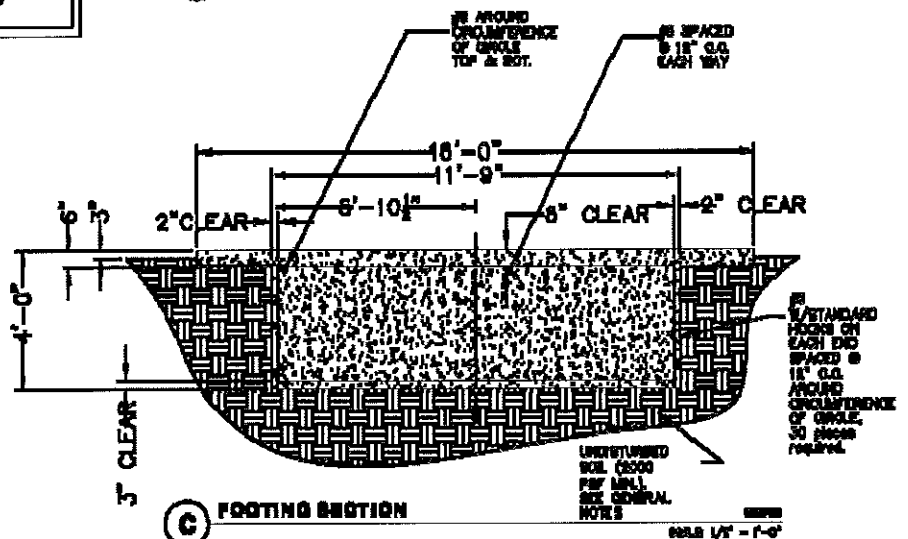
(TYPICAL FOOTING PLATE)

DESIGN CRITERIA

DRYER HEIGHT - 39'-8"
 DRYER DIAMETER - 117" OR 9'-9"
 DRYER WEIGHT - 10,000 lbs.
 GRAIN WEIGHT - 51,350 lbs.
 MAXIMUM DRYER LEG LOAD - 20,350 lbs.
 MAXIMUM DRYER LEG UPLIFT - 10,670 lbs.
 COMPRESSIVE STRENGTH OF SOIL - 2000 PSF
 COMPRESSIVE STRENGTH OF CONCRETE - 3000 PSI
 REBAR YIELD STRENGTH - 80 KSI (GRADE 60)
 NORMAL CONCRETE WEIGHT 150 PCF



FOOTING PLAN FOR TYPE 10520 - 10730

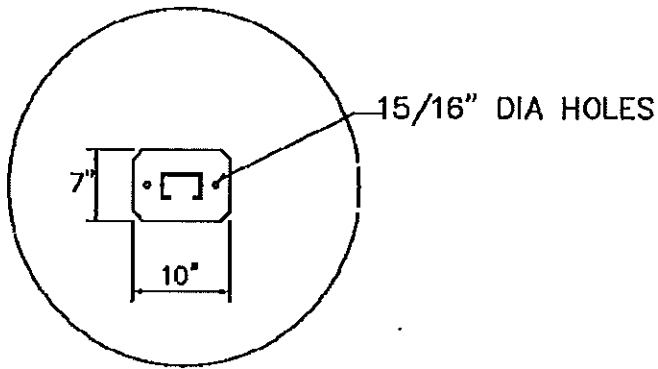


FOOTING SECTION

MANUFACTURES NOTES:

16.06 CUBIC YARDS OF CONCRETE FOR FOUNDATION
 2.0 CUBIC YARDS OF CONCRETE FOR OUTER PAD
 18.06 CUBIC YARDS OF CONCRETE TOTAL VOLUME
 #8 REBAR QUANTITY REQUIRED IS 650 FEET
 3/4" CONCRETE ANCHOR, 2 PER LEG, 10" MINIMUM EMBEDMENT, 18 ANCHORS REQUIRED

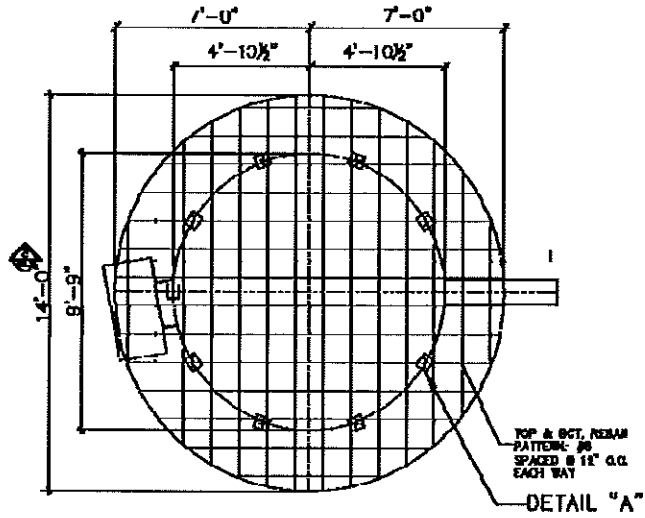
CONCRETE FOUNDATION FOR 10840 & 101050 TOWER DRYERS



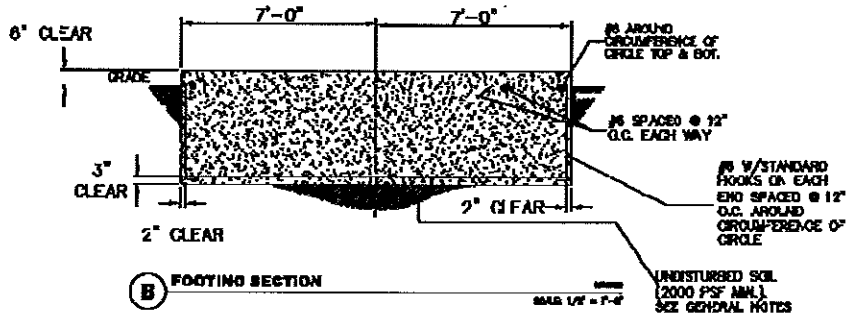
DETAIL "A"
(TYPICAL FOOTING PLATE)

DESIGN CRITERIA

DRYER HEIGHT - 51'-10"
 DRYER DIAMETER - 1'7" OR 9'-9"
 DRYER WEIGHT - 13,300 lbs.
 GRAIN WEIGHT - 64,430 lbs.
 MAXIMUM DRYER LEG LOAD - 28,676 lbs.
 MAXIMUM DRYER LEG UPLIFT - 15,035 lbs.
 COMPRESSIVE STRENGTH OF SOIL - 2000 PSF
 COMPRESSIVE STRENGTH OF CONCRETE - 3000 PSI
 REBAR YIELD STRENGTH - 60 KSI (GRADE 60)
 NORMAL CONCRETE WEIGHT 150 PCF



A FOOTING PLAN FOR TYPE 10840 & 101050 GRAIN DRYERS
SCALE 1/2" = 1'-0"

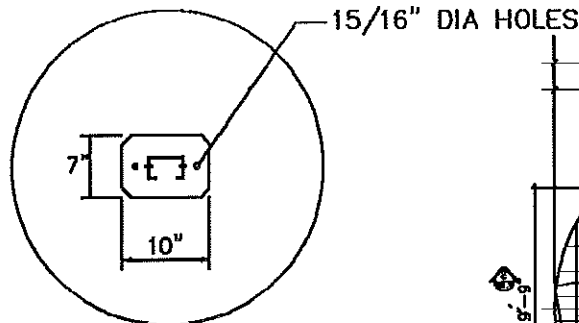


B FOOTING SECTION
SCALE 1/2" = 1'-0"

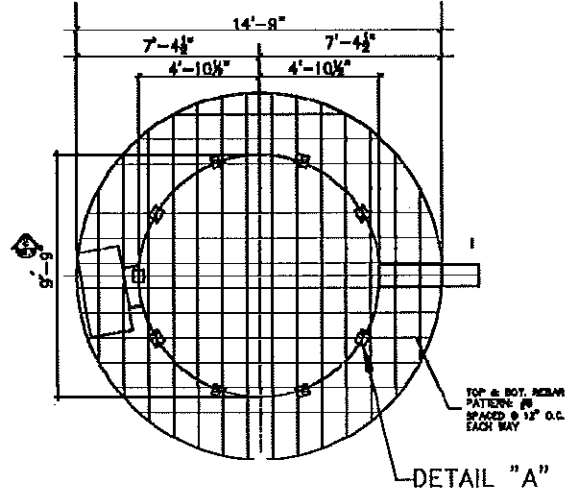
MANUFACTURERS NOTES:

22.8 CUBIC YARDS OF CONCRETE TOTAL VOLUME
 #8 REBAR QUANTITY REQUIRED IS 678 FEET
 3/4" CONCRETE ANCHOR, 2 PER LEG, 10" MIN MUM EMBEDMENT, 18 ANCHORS REQD REQD

CONCRETE FOUNDATION FOR 101275 TOWER DRYERS



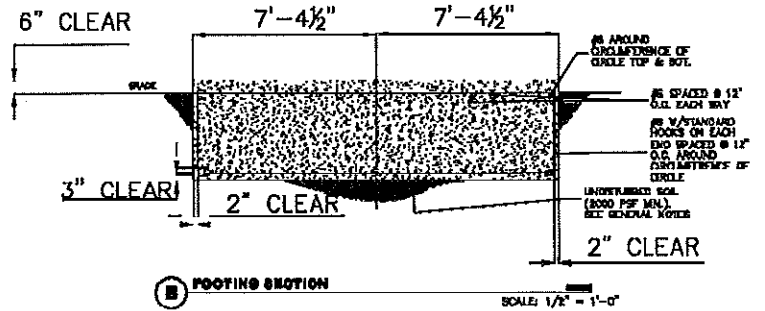
DETAIL "A"
TYPICAL FOOTINGPLATE



Ⓐ FOOTING PLAN FOR TYPE 101275 GRAIN DRYER

DESIGN CRITERIA

DRYER HEIGHT - 69'-11"
 DRYER DIAMETER - 117" OR 9'-9"
 DRYER WEIGHT - 15,100 lbs.
 GRAIN WEIGHT - 72,995 lbs.
 MAXIMUM DRYER LEG LOAD - 28,875 lbs.
 MAXIMUM DRYER LEG UPLIFT - 15,035 lbs.
 COMPRESSIVE STRENGTH OF SOIL - 2000 PSF
 COMPRESSIVE STRENGTH OF CONCRETE - 3000 PSI
 REBAR YIELD STRENGTH - 60 KSI (GRADE 60)
 NORMAL CONCRETE WEIGHT 150 PCF



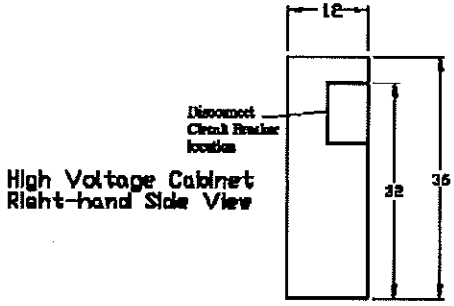
Ⓑ FOOTING SECTION

SCALE: 1/2" = 1'-0"

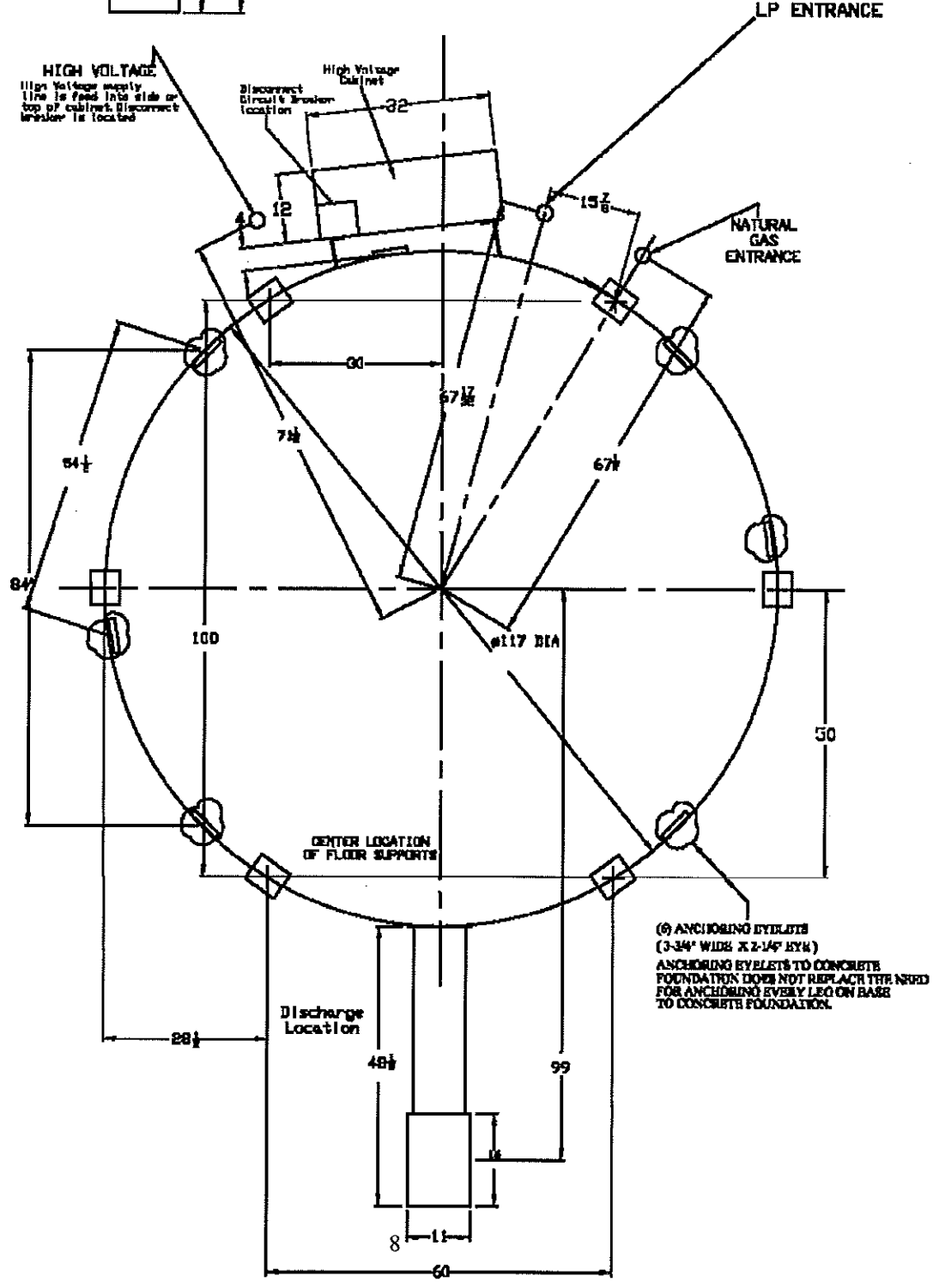
MANUFACTURES NOTES:

25.33 CUBIC YARDS OF CONCRETE TOTAL VOLUME
 #8 REBAR QUANTITY REQD IS 882 FEET
 3/4" CONCRETE ANCHOR, 2 PER LEG, 10" MINIMUM EMBEDMENT, 18 ANCHORS REQUIRED

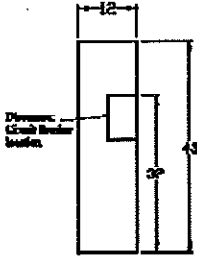
FOUNDATION LAYOUT AND ANCHORING INFORMATION FOR 10520 — 10840 TOWER DRYERS



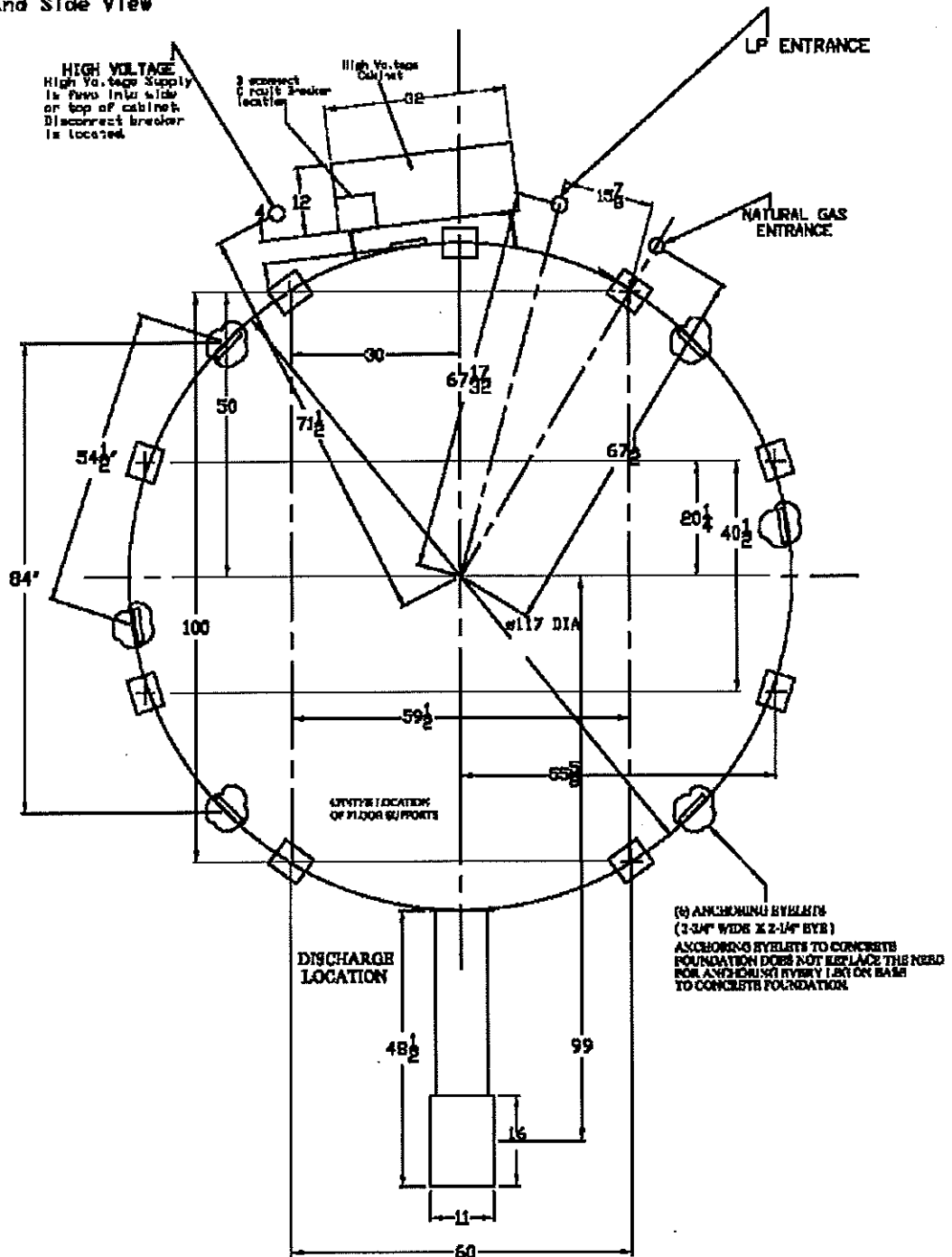
NOTE:
1) ALL DIMENSIONS ARE GIVEN IN INCHES.
2) VIEWED FROM TOP.



FOUNDATION LAYOUT AND ANCHORING INFORMATION FOR 101050 & 101275 TOWER DRYERS

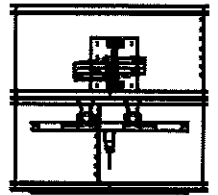
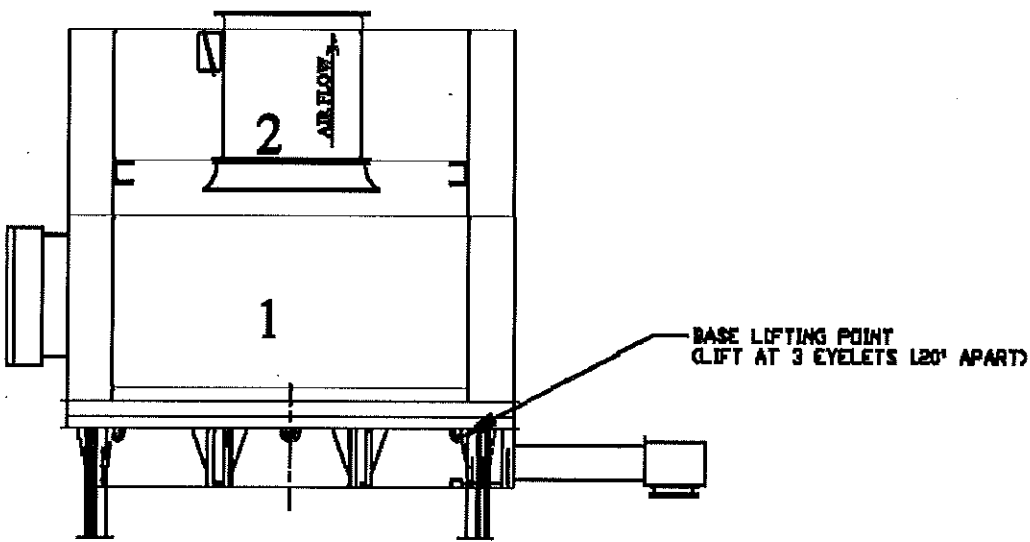
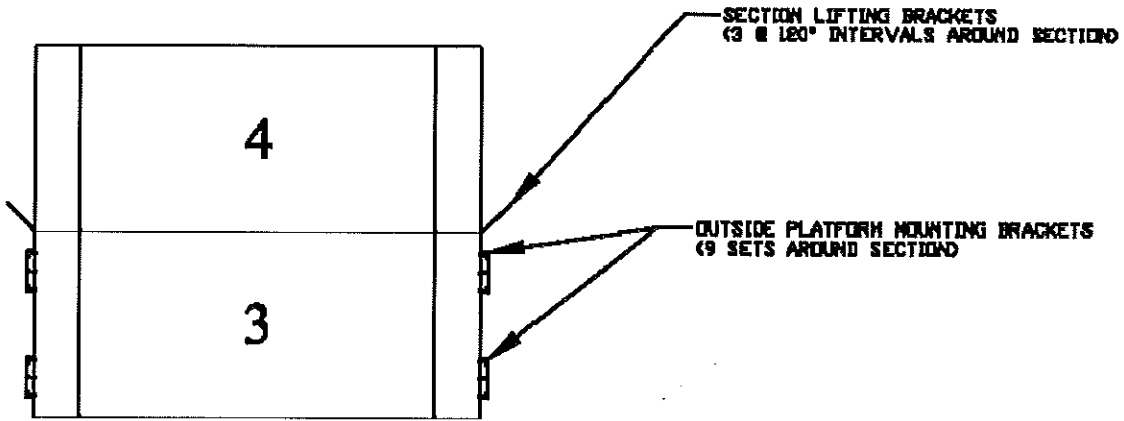
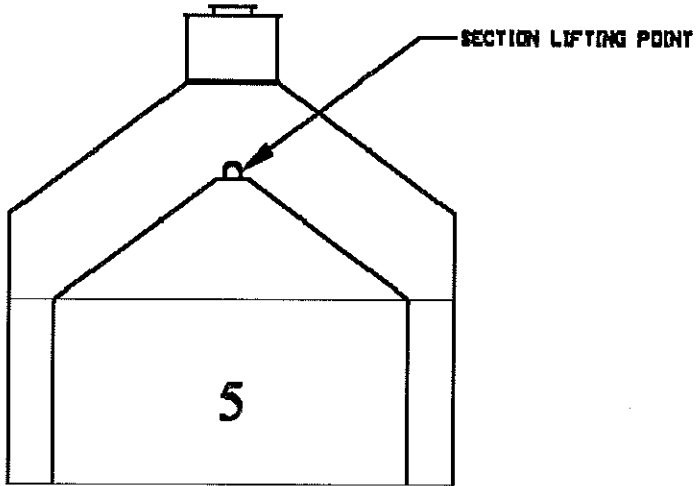


High Voltage Cabinet
Right-hand Side View

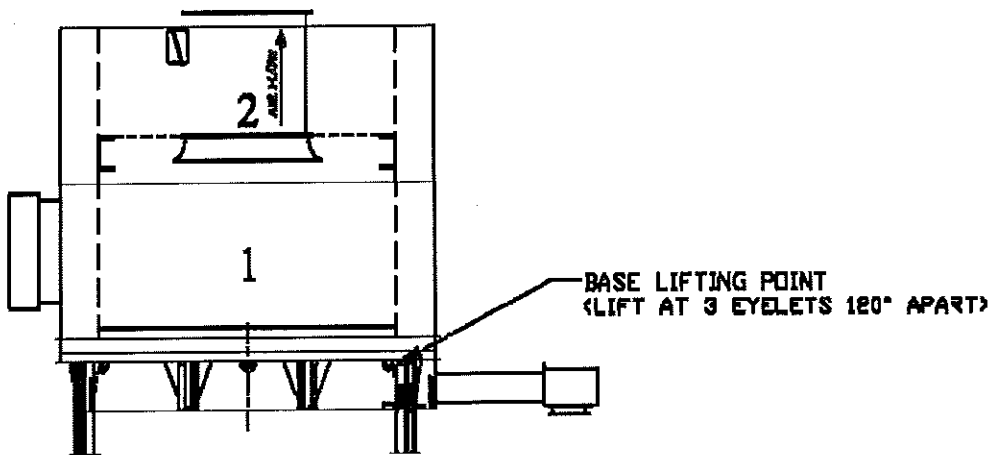
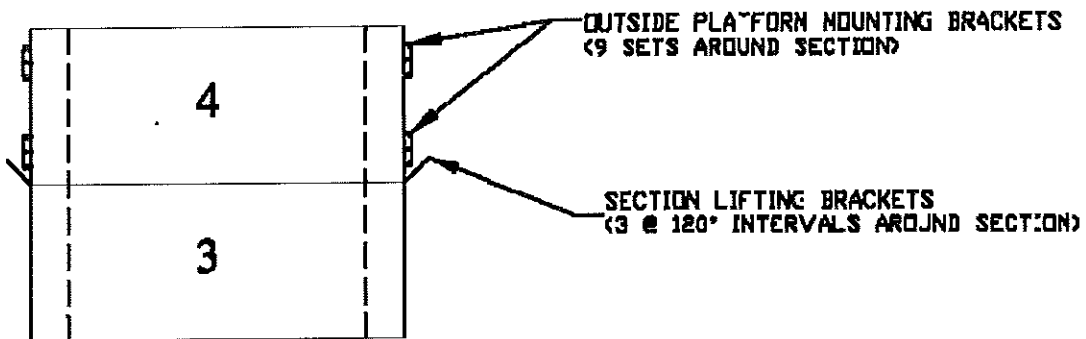
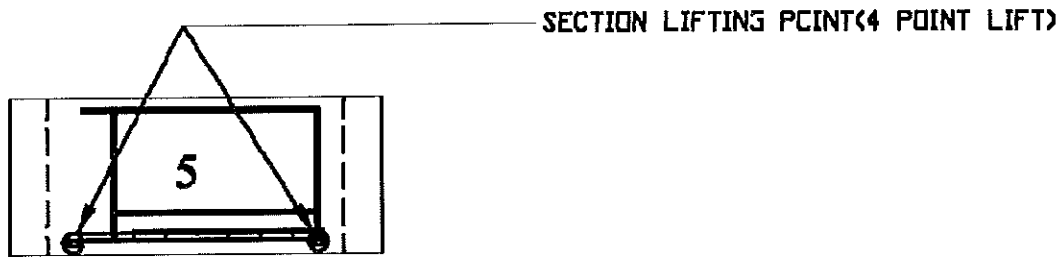
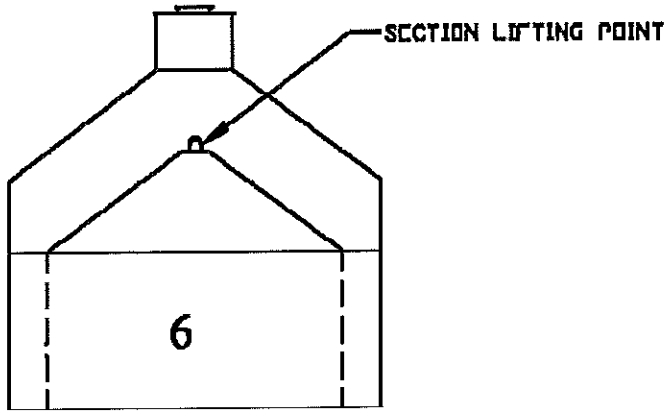


NOTE:
 1). ALL DIMENSIONS ARE GIVEN IN INCHES
 2). VIEWED FROM TOP.

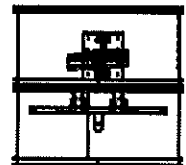
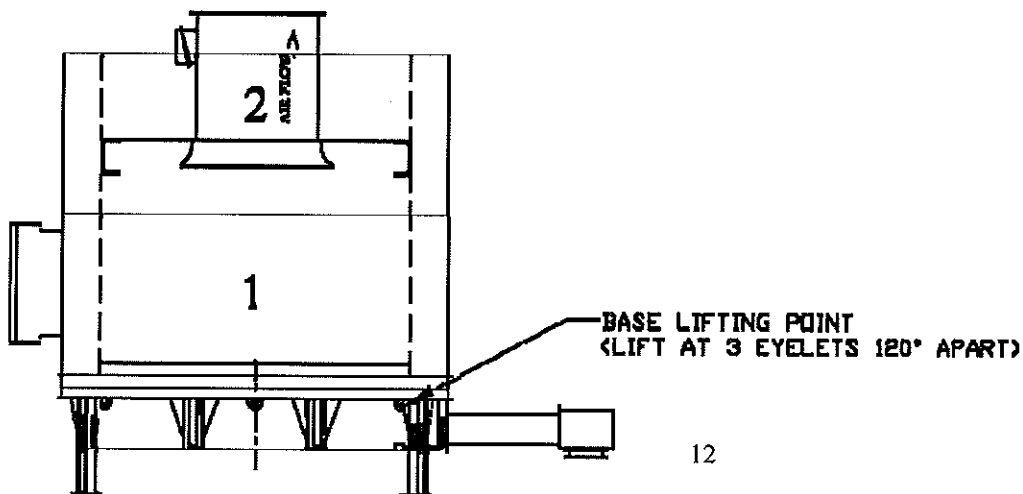
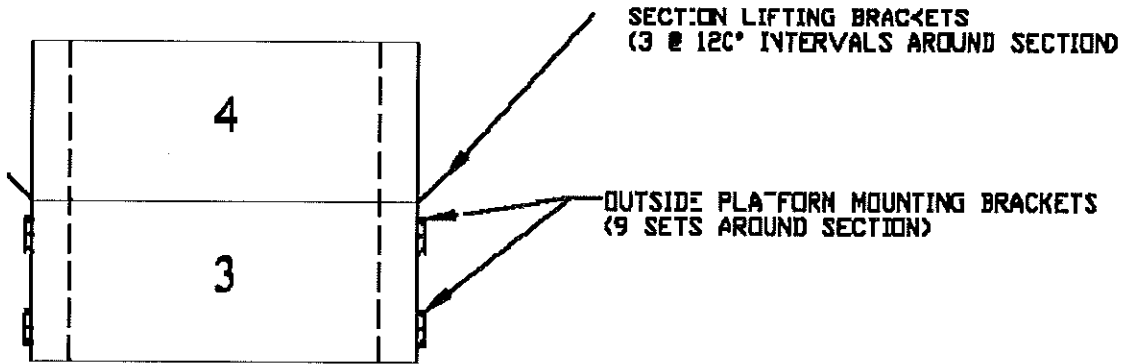
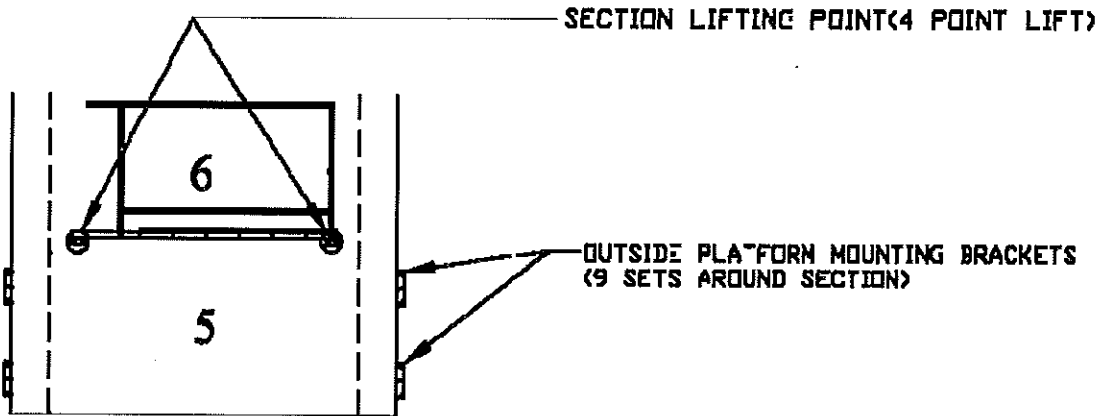
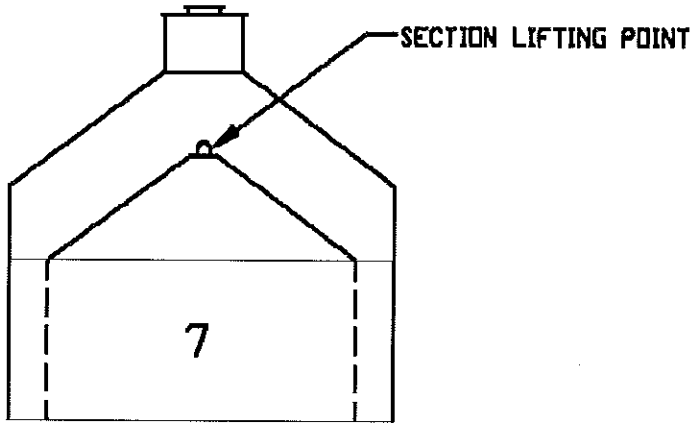
10520 SHIPPING SECTIONS



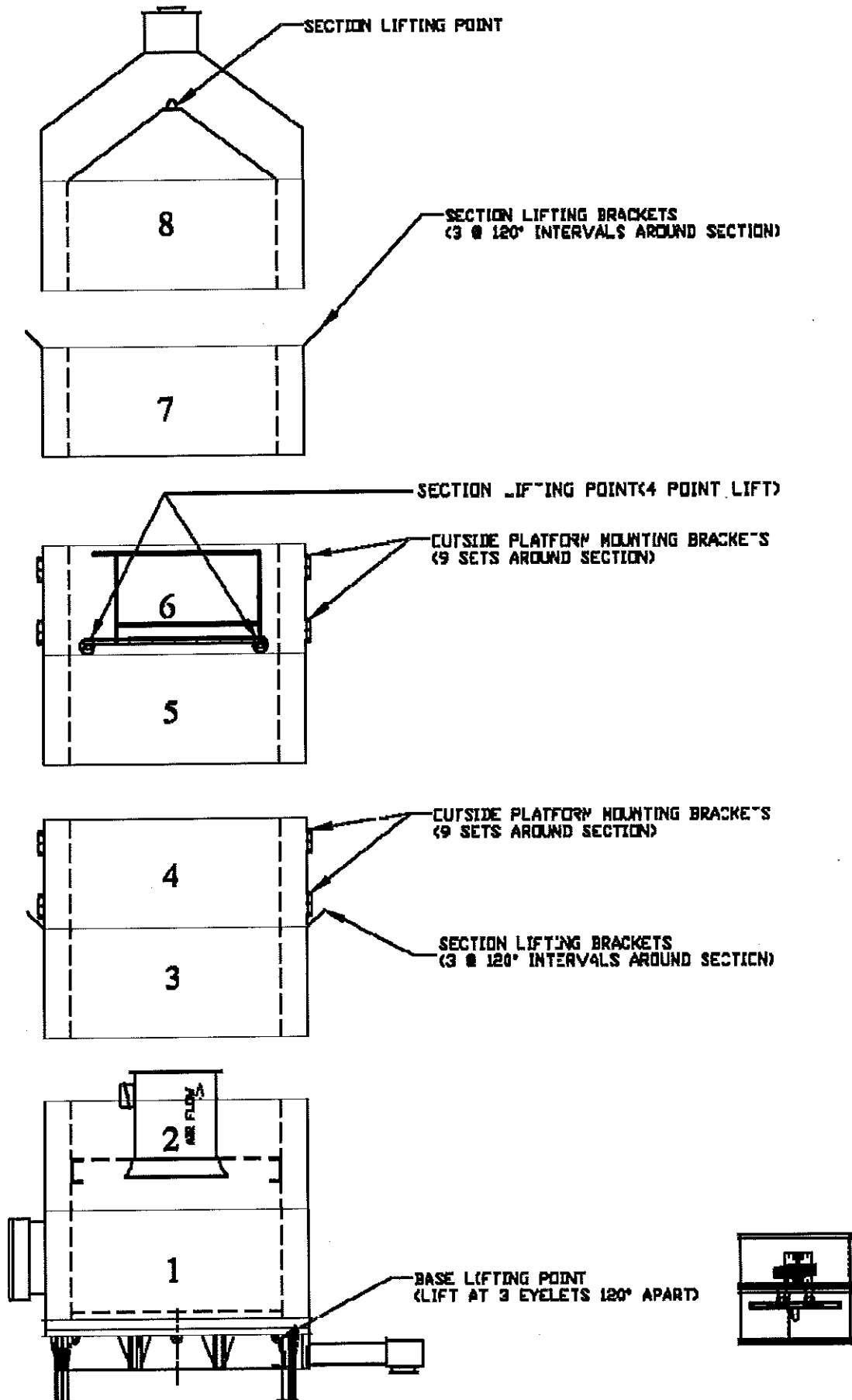
10630 SHIPPING SECTIONS



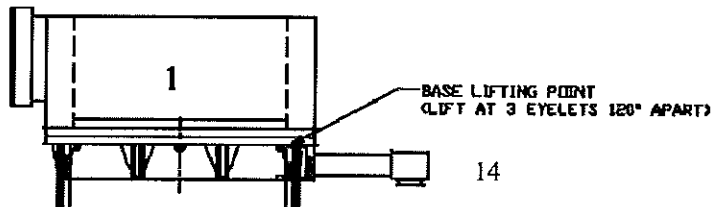
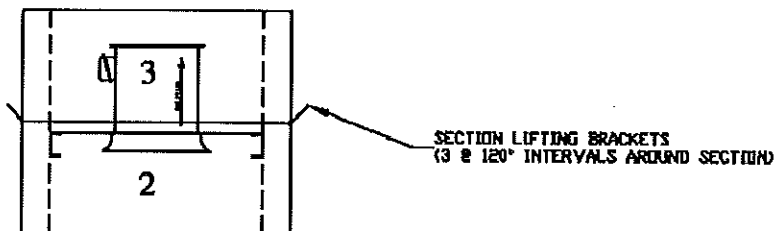
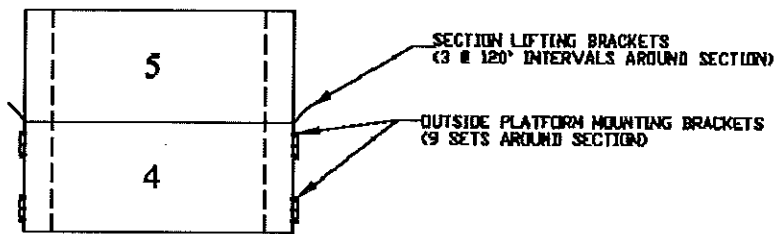
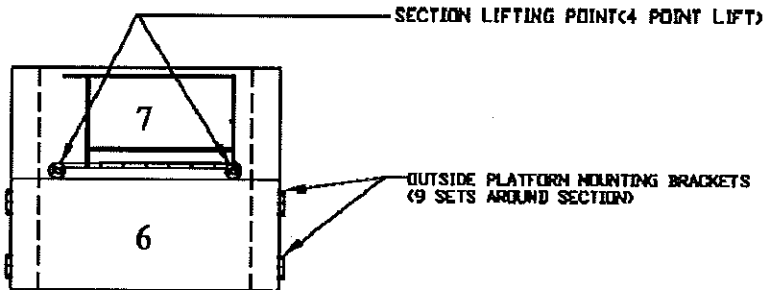
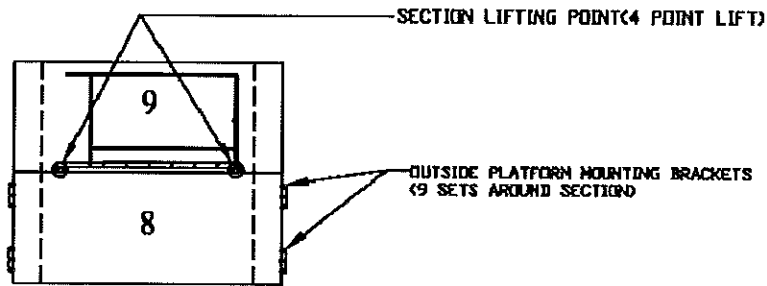
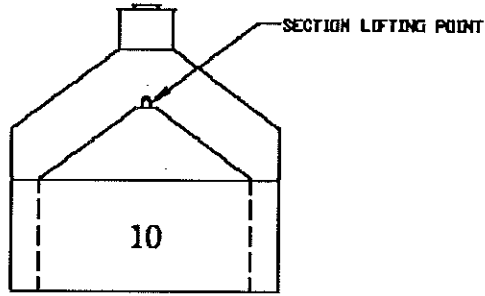
10730 SHIPPING SECTIONS



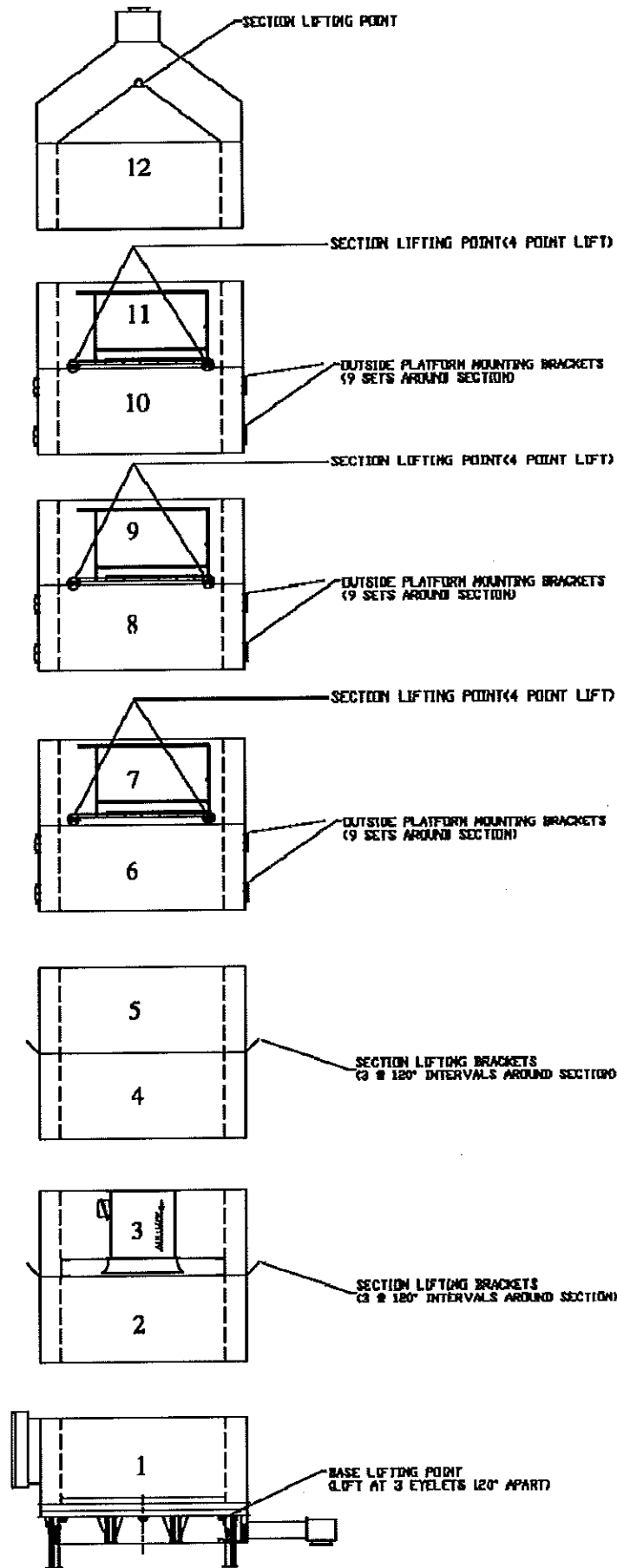
10840 SHIPPING SECTIONS



101050 SHIPPING SECTIONS



101275 SHIPPING SECTIONS



SET UP INSTRUCTIONS

General

Check to make sure that all the parts and hardware listed on the packing list have been received.

Permanent Installation

The dryer must be installed on a level concrete foundation designed to carry the weight of the dryer when full of grain. The foundation must be engineered locally for ground and weather conditions to prevent settling and frost upheaval. See pages 5-7 for specific dryer foundation requirements.

Allow for unrestricted air flow around the dryer and a clean supply of intake air.

It is recommended that the dryer be at least 10 feet from another dryer.

SHIPPING

Each section is marked at the center ladder bracket to assist in the proper placement of each section when stacking. Ladders are bolted to all screen sections except the base section, which has a 10 ft. ladder

The 10530 Tower Dryer is shipped in (3) sections:

- 10530** - (1) Base with (2) 4 ft. screen sections attached.
(1) 8 ft. screen section comprised of (2) 4 ft. sections bolted together.
(1) 4 ft. screen section with top.

The 10630 Tower Dryer is shipped in (4) sections:

- 10630** - (1) Base with (2) 4 ft. screen sections attached.
(1) 8 ft. screen section comprised of (2) 4 ft. sections bolted together.
(1) 4 ft. screen section.
(1) 4 ft. screen section with top.

The 10730 Tower Dryer is shipped in (4) sections:

- 10730** - (1) Base with (2) 4 ft. screen sections attached.
(2) 8 ft. screen sections comprised of (2) 4 ft. sections bolted together.
(1) 4 ft. screen section with top.

The 10840 Tower Dryer is shipped in (5) sections:

- 10840** - (1) Base with (2) 4 ft. screen sections attached.
(2) 8 ft. screen sections comprised of (2) 4 ft. sections bolted together.
(1) 4 ft. screen section.
(1) 4 ft. screen section with top.

The 101050 is shipped in (6) sections:

- 101050**—(1) Base with (1) 4 ft. screen section attached.
(4) 8 ft. screen sections comprised of (2) 4 ft. sections bolted together.
(1) 4 ft. screen section with top.

The 101275 is shipped in (7) sections:

- 101275**—(1) Base with (1) 4 ft. screen section attached
(5) 8 ft. screen sections comprised of (2) 4 ft. sections bolted together
(1) 4 ft. screen section with top.

MODEL	Dryer Weight (Empty)	Dryer Weight Filled with dry corn (w/No. 2 Corn)
10520	9,775 lbs	45,559 lbs
	4,434 kg	20,665 kg
10630	10,715 lbs	51,483 lbs
	4,860 kg	23,352 kg
10730	12,155 lbs	58,243 lbs
	5,513 kg	26,419 kg
10840	13,112 lbs	63,848 lbs
	5,948 kg	28,961 kg
101050	15,055 lbs	75,647 lbs
	6,829 kg	34,313 kg
101275	16,793 lbs	87,241 lbs
	7,617 kg	39,572 kg

Unloading

- Have a two-lift per section organization. The crane must be placed so that the crane operator can lift sections off the truck and to a working area starting from the top screen section down to the base.
- One section at a time must be lifted from work area to concrete stacking area. When lifting screen sections off the truck:
 - The working area for screen sections must allow enough space for sections that include outside walkways.
 - The working area for outside walkways must be a minimum of 19' in diameter as the outer walkway must be assembled on the ground before stacking.
 - The last screen section to be lifted off the truck is the base screen section and base weldment assembly. This assembly can be lifted from the truck and set directly on the finished concrete.

- The base section assembly will be lifted using 40' nylon straps at three points. See Figure 1. The straps will wrap through the eyelets at the bottom of the base, while at the top of the base should be a spreader bar to eliminate side load on the top of the screen section. When the assembly is straight above the concrete for the final dryer location, the following must be determined:
 - Location of input gas fuel and high voltage electrical supply.
 - Placement of discharge auger.

NOTE: The assembly can be rotated until the placement is satisfactory.

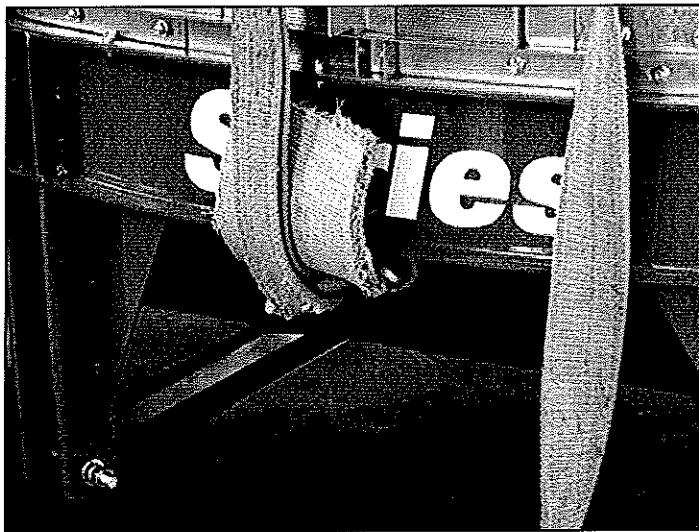


Figure 1

- Discard the shipping legs. See Figure 2. Attach the (9) Leg Extensions to the Base Assembly. The top of each leg should make contact with the base to support the weight of the dryer and the crop to be dried. When the top of the leg makes contact with the base, only (1) set of holes will line up to accept the 5/8-11 x 7" Grade 5 Hex Head Capscrew, (2) Flatwashers and (1) Hex Nut to secure each leg.



Figure 2

- Set the base section in place so the discharge auger is correctly positioned. Level base section using metal shims as required.

BASE SECTION INSTALLATION

- Set base cooling section in the desired location and rotate base to position electrical supply, fuel supply, and discharge in desired locations. Set base and confirm rotation before releasing lifting straps. All (9) legs must be installed with 5/8 – 11 x 7" Grade 5 bolts. Level base using leg shims.
- If the Tower Dryer is a 101050 or 101275 model, install the Cross Braces. See Figure 3.



Figure 3

- Drill (2) 10" minimum-depth holes per leg into concrete to allow expansion or epoxy anchors to be properly installed. See Figure 4.



Figure 4

- For models 101050 or 101275, set screen sections #2 and #3 (which contain fans and heat floor) on top of base screen section. Install outer screen section supports to the outside screen braces. This must be done before tacking additional sections. See Figure 5.

NOTE: Outside Screen Braces are not used on Tower Dryer models 10520-10840

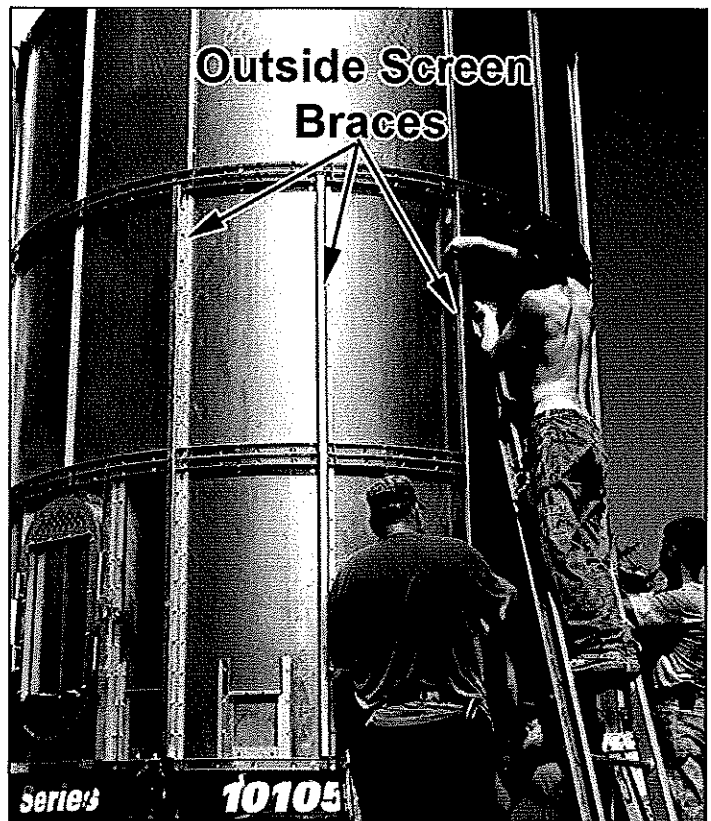


Figure 5

- Remove the Burner Housing from the shipping skid and bolt assembly to the top of the fan housing, which is bolted to the heat floor installed in the second screen section (101050) and third screen section. Use 5/16 x 1" (7.9 x 25.4 mm.) Grade #5 hex bolts and tighten with whiz locknuts. See Figure 6.



Figure 6

BASE LADDER INSTALLATION

- Install (1) base ladder bracket to the base section by lining the right side up with the Channel Splice found on the base section. Bolt the Base Ladder Bracket using 5/16 x 3/4" Grade 5 hex bolts and tighten using whiz locknuts. See Figures 7 & 8.

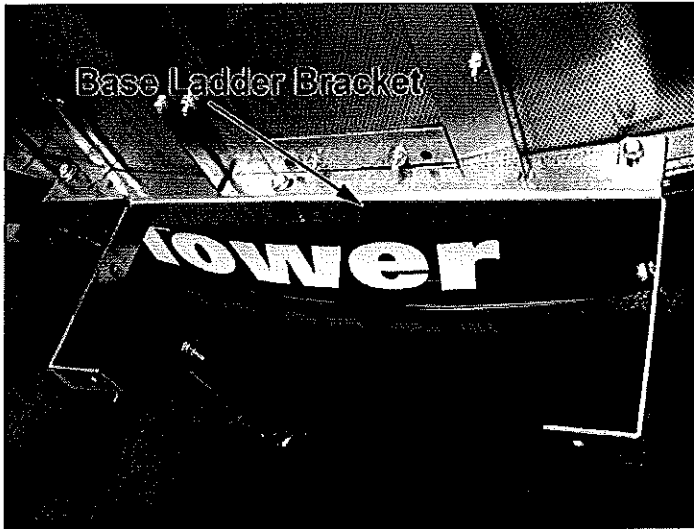


Figure 7

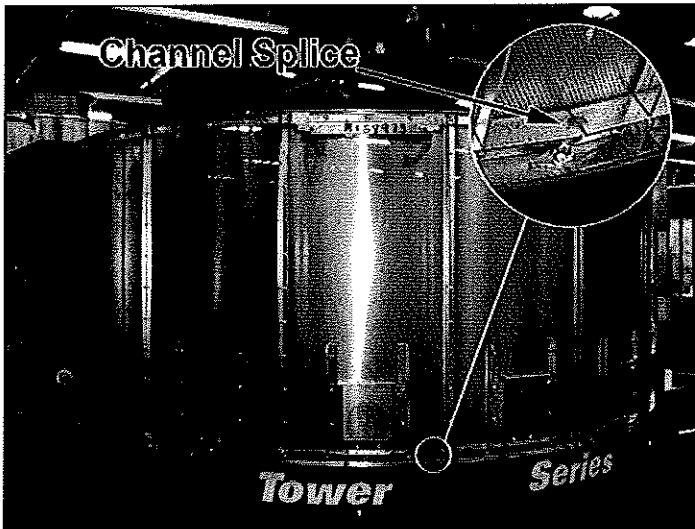


Figure 8

- Bolt the 10' ladder to the Base section using the 5/16-18 x 1" bolts and whiz locknuts. See Figure 9.



Figure 9

NOTE: Once the ladder is bolted in place, this ladder will serve as a guide to correctly position each double screen section as it is stacked.

- On Tower Dryer Models 10520-10840, secure the 4' ladder to the bottom of the 10' ladder by using a ladder clip and bolt. Connect the 4' ladder to the concrete using the concrete anchors.

OUTSIDE WALKWAY INSTALLATION

- To install the outside walkway, the (18) walkway mounting brackets are bolted to the screen section that will hold the walkway. The top (9) walkway mounting brackets are where the (8) Walkway Plank Supports (RH) and the (1) Walkway Plank Support (LH) are to be bolted to the screen section. See Figure 10. Use 3/8-16 x 3/4" Hex Washer Head Bolts and Whiz Locknuts on all walkway parts except for the floor panel anchors, which require 5/16-18 x 3" Carriage Bolts, Flatwashers, and Whiz Locknuts.

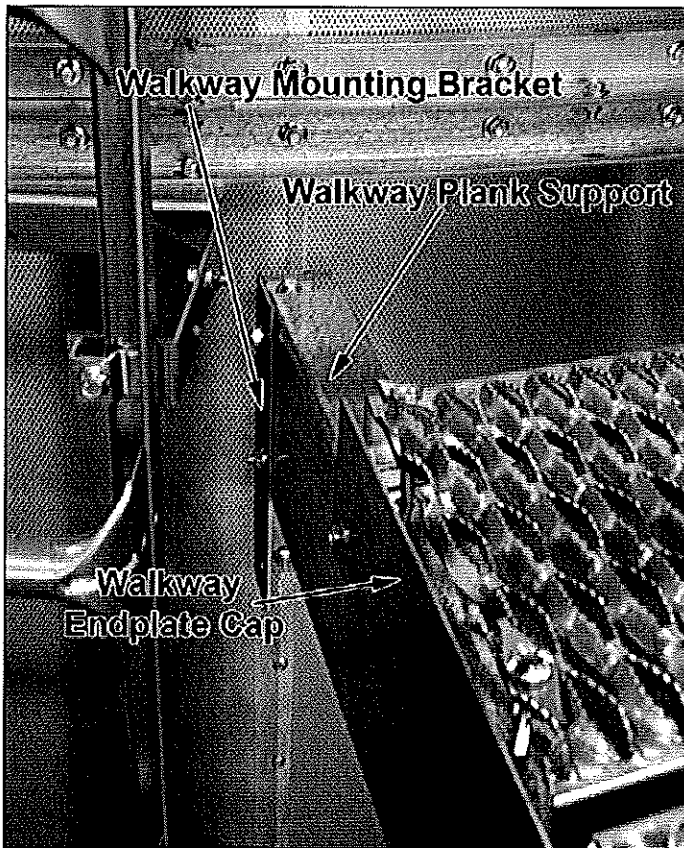


Figure 10

- Now bolt the (1) walkway plank support, which has a top flange that is bent to the left, so the top walkway mounting bracket is just to the left of the ladder. See Figure 11.

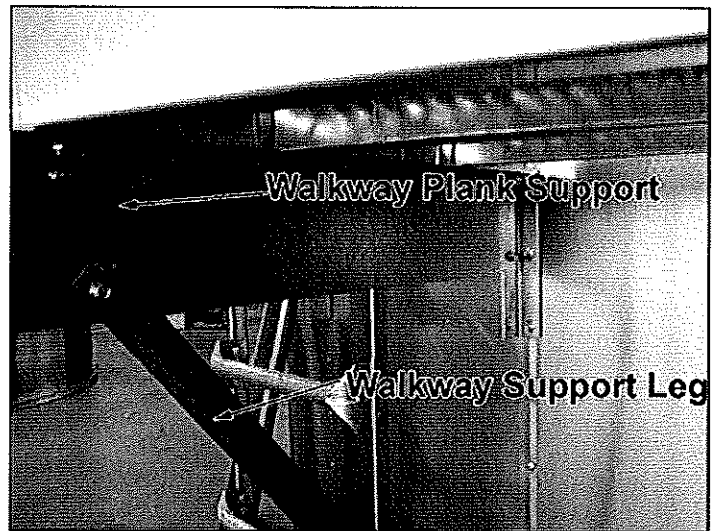


Figure 11

- Bolt the top of the (9) walkway support legs to the second bottom hole from the front edge of the walkway plank supports and the bottom hole of the legs to the bottom hole of the bottom walkway mounting brackets. See Figure 12.

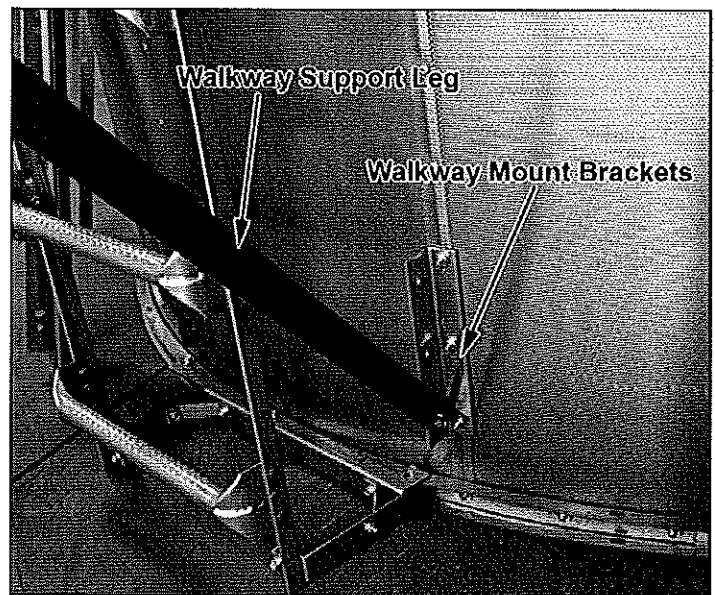


Figure 12

- Once the (9) walkway support legs have been bolted in place, there are (2) walkway stiffeners that must be installed between the second and third plank supports and between the eighth and ninth supports. See Figure 13. The top side of the stiffeners have a bolt hole at both tapered ends, which must face in toward the screen section.

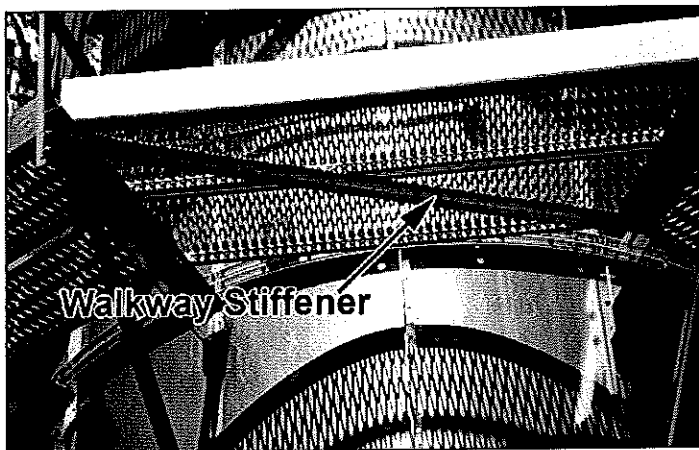


Figure 13

- The tapered end of the stiffener that bolts to the outside end of the second walkway plank support will share a bolt with the first toe kick-long to the right of the ladder.
- The second stiffener will also share a bolt with the last (seventh) toe kick-long when the stiffener is bolted to the top outside hole of the eighth walkway plank support.
- Install walkway plank support angle. Make sure the top of the plank support angle is flush with the plank support. See Figure 14.



Figure 14

- Place the (1) toe kick-short onto the (2) walkway plank supports just to the right of the ladder. There is a hole at the outside edge of each walkway plank support where the Toe Kick is to be bolted.

- Now bolt the (7) toe kick long #475712 around the outside edge of the walkway panel supports.
- Place the inner and outer short walkway planks onto the (2) walkway plank supports to the right of the ladder. Use (2) floor panel anchors, 5/16-18 x 3" (7.0 x 76mm) carriage bolts, flatwashers, and whiz locknuts at each end of the planks. Anchors under bolt head and flatwashers next to the locknut. Use slotted holes in plank support. Now do the same thing with the inner and outer walkway planks-long, working around screen section to the ladder. See Figure 15.

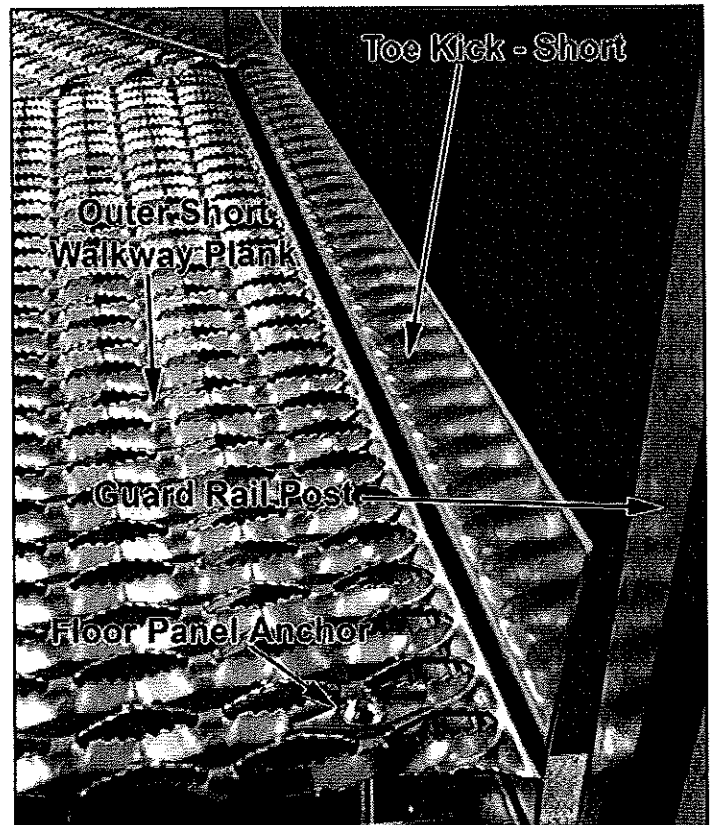


Figure 15

- Bolt (1) of the end cap plates to the left side of the first walkway plank support to the right of the ladder. The other end cap plate is bolted to the right side of the walkway plank support that is just to the left of the ladder.
- Now bolt the (9) guard rail posts to the left side of each walkway plank support. The outside corner of the rail post should face the screen section, leaving a flat surface upon which to mount the guard rails. When the rail post is installed correctly, the (3) bolt holes in the rail post will match perfectly with the (3) holes in the plank support. If only portions of the (3) holes line up, the rail post is not installed correctly. See Figure 16.

- Bolt the field formed safety cage angles to the guard rail post. See Figure 17.



Figure 16

- Place the (2) guard rails-short between the first and second guard rail posts that are just to the right of the ladder. The top flange of the guard rail should face away from the screen section.
- Now place the (14) guard rails-long between the remaining guard rail posts. The top flange of the guard rail should face away from the screen section.

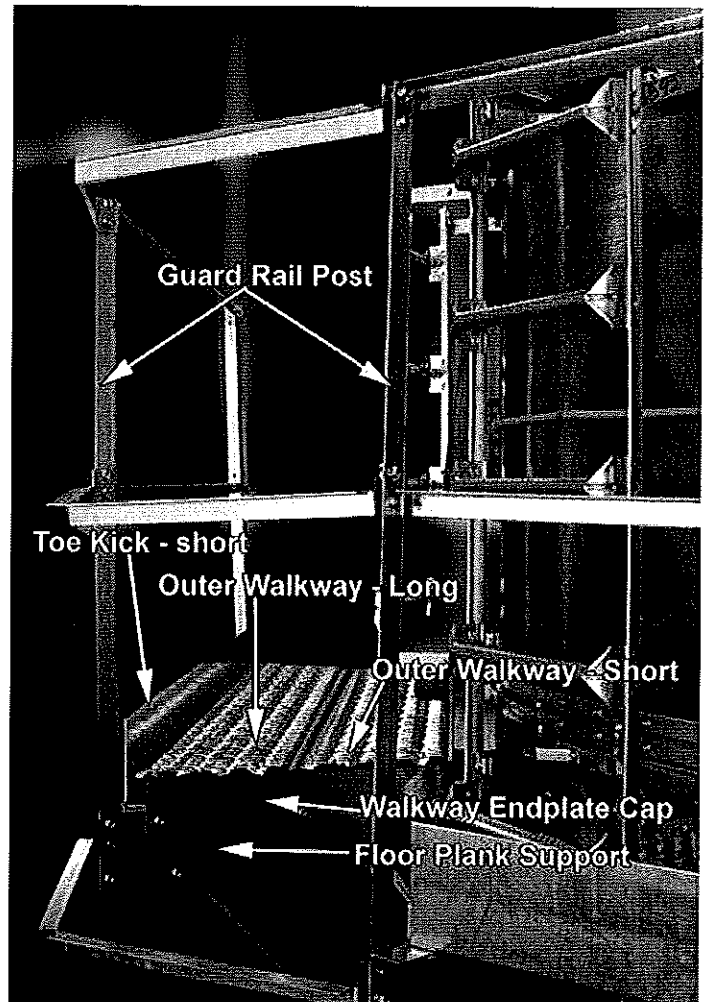


Figure 17

STACKING SCREEN SECTIONS AND ROOF

- With the outside walkway installed, the screen sections are ready to be placed into position on top of the base section. Refer to page 25 for walkway orientation.
- Be sure that the base is level and anchored to the foundation using concrete anchors.
- Attach crane spreader bar hooks to lifting brackets bolted to the center outer channel rings of the third and fourth double screen section on Tower Dryer models 10520-10840 (fourth and fifth screen section on Tower Dryer models 101050 and 101275) and place them onto the second screen section using drift pins to align the holes in the channel rings. See Figure 18. Use 5/16 x 3/4" (7.9 x 19mm.) hex washer head capscrews and whiz locknuts.

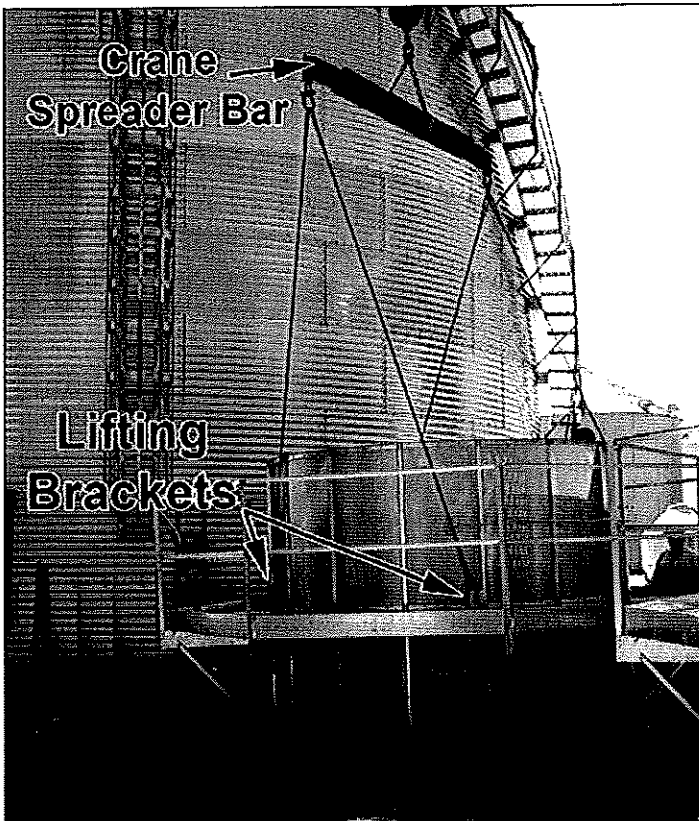


Figure 18

- On the 101050 and 101275 Tower Dryer Models, sections eight and nine will shift 35 degrees (rotating the section based on the walkway plank supports, by three sections. Refer to the walkway orientation on page 22 for specifications) to create a transition point for the outer walkways. All remaining upper sections will be stacked according to the lining of the ladders. See Figure 19.



Figure 19

- Now use the same procedure for the remaining 4 ft. and 8 ft. screen sections or use the inside walkway support gussets that connect the inner walkway platform to the inner screens to attach the crane spreader bar hooks and lift the screen sections.
- As screen sections are placed onto the section below, the (2) Inside Channel Ring splice joints should align with the (2) splice joints of the Outside Channel Rings of the screen section below. When positioned correctly, all screen seams should line up.

- The top 4 ft. screen and roof section is lifted by placing the crane lift hook in to the "U" Bolt attached to the roof cap. See Figure 20. Use ladders for correct positioning and drift pins to align holes in channel rings. Use 5/16 x 3/4" hex washer head capscrews and 5/16" whiz locknuts to secure inner and outer channel rings to lower screen section.

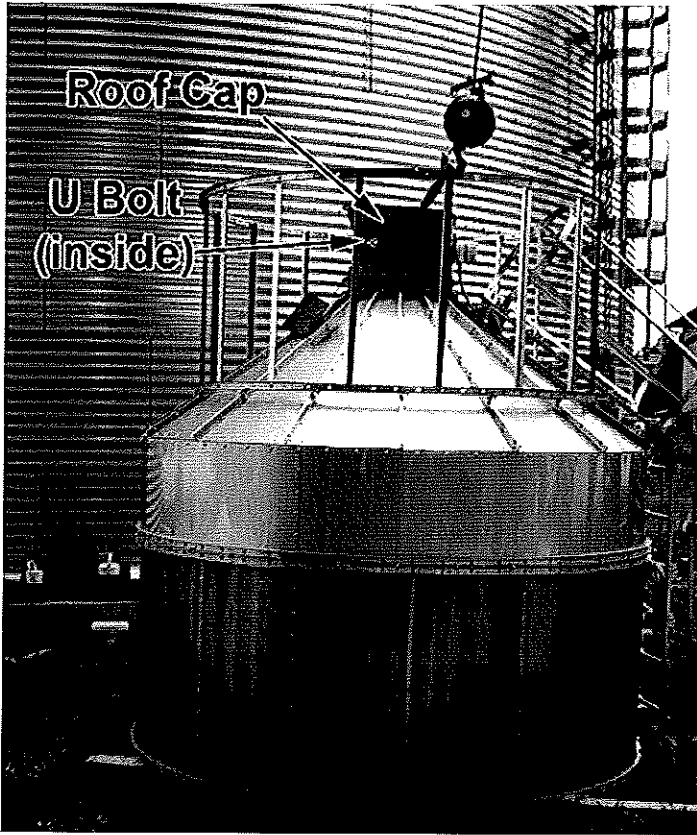
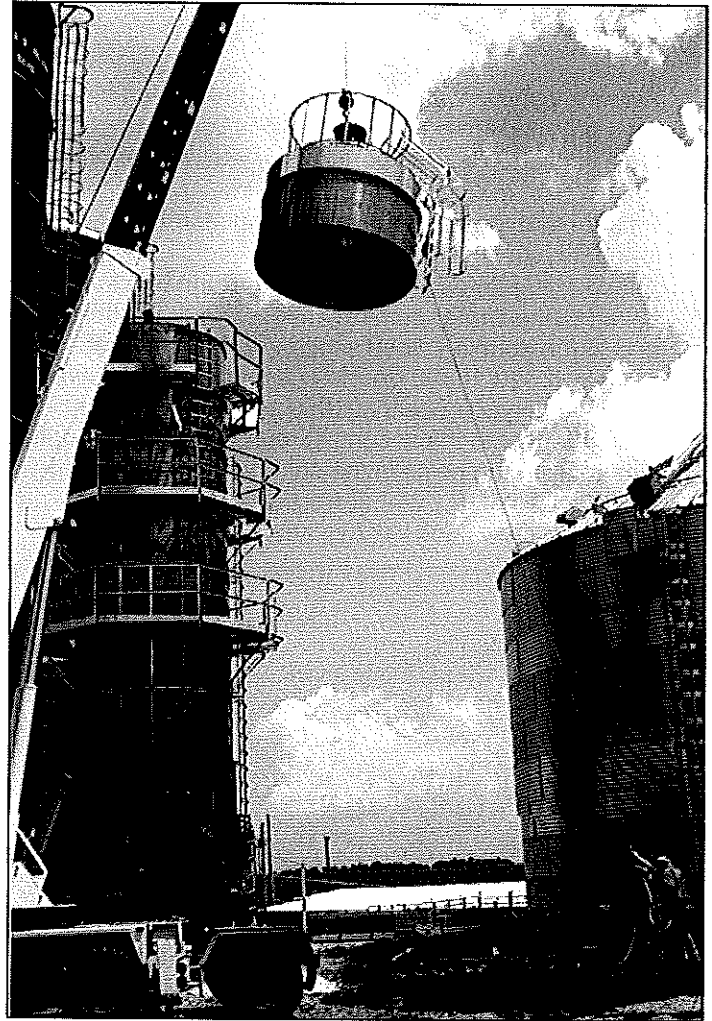

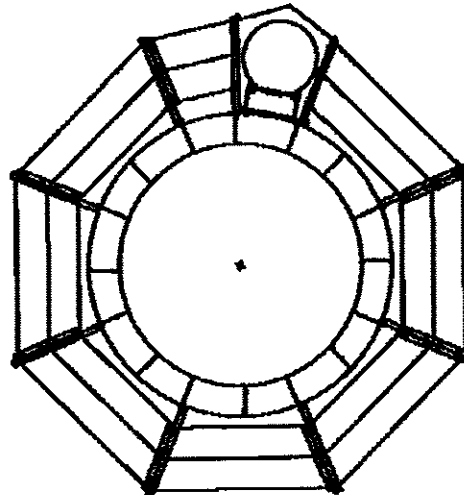
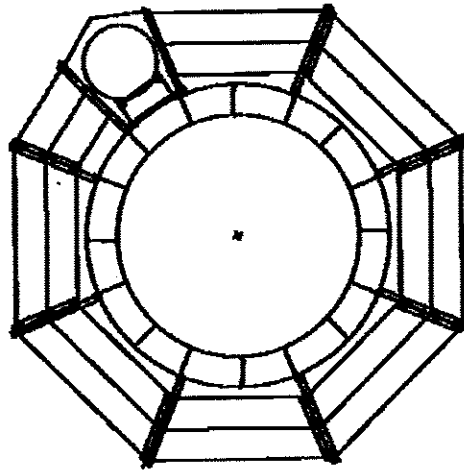
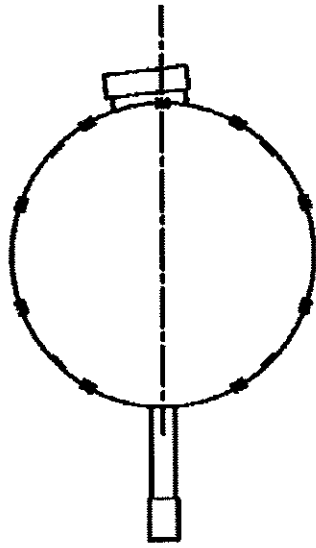


Figure 20



 **IMPORTANT:** If the dryer has not been completely erected by the end of the day, it **MUST** be guy wired to prevent blow-over damage from wind.

NOTE: After all screen sections are installed, the Gas and Electrical components can be started.



WALKWAY ORIENTATION

LADDER SAFETY CAGE ASSEMBLY

NOTE: All Ladder Safety Cages are assembled starting from the top of the tower and working down using the Cage Straps and Safety Cage Hoops. Use the 5/16-18 x 3/4" Grade #5 hex washer head bolts and whiz locknuts where only (2) pieces join and 5/16-18 x 1" bolts where (3) pieces are joined. See correct model layouts from pages 28-40

- The safety cage for the (1) 5 ft. ladder mounted on the roof and the (1) 6 ft. ladder bolted to the top 4 ft. screen section attached to the roof, require (2) hoops and (4) 4 ft. Cage Straps each. See Figure 21.
- The safety cage hoop at the bottom of the 5' ladder and the safety cage hoop at the top of the 6' ladder will bolt onto the ladder connection brackets. See Figure 22.
- The distance between the ladders is enclosed with (4) 2' cage straps and (1) cage hoop. See Figure 23. The safety cage hoop is bolted to the ladder connecting brackets. One end of a connecting strap has a 30° bend that is bolted to the lower loop. Two (2) connecting straps connect up to the roof ladder cage and (2) connect down to the top section ladder cage. All connecting straps will share a 5/16018 x 1" bolt with a hoop and ladder strap.

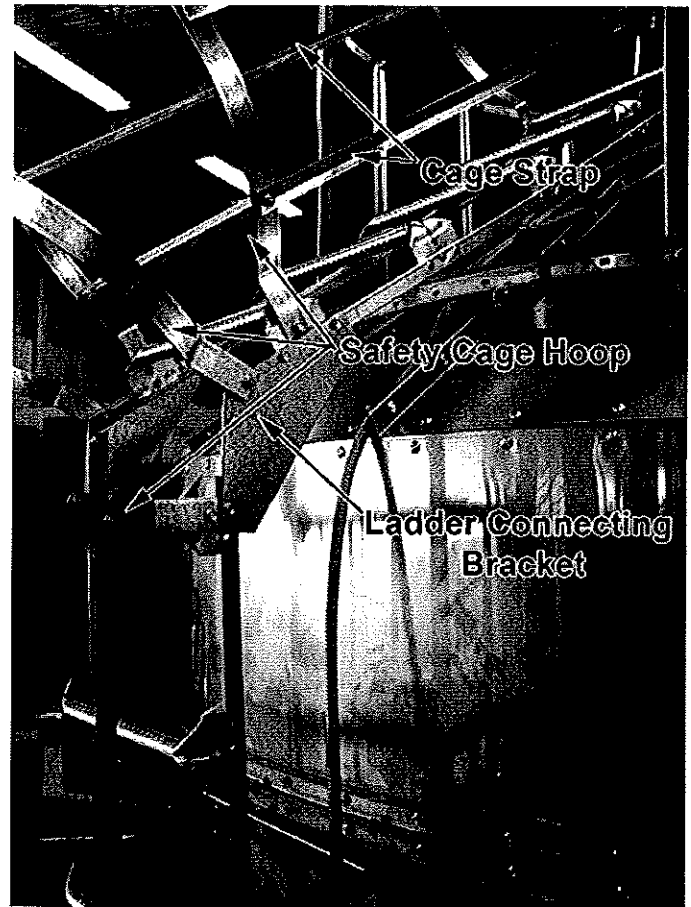


Figure 22

Ladder Connecting Bracket

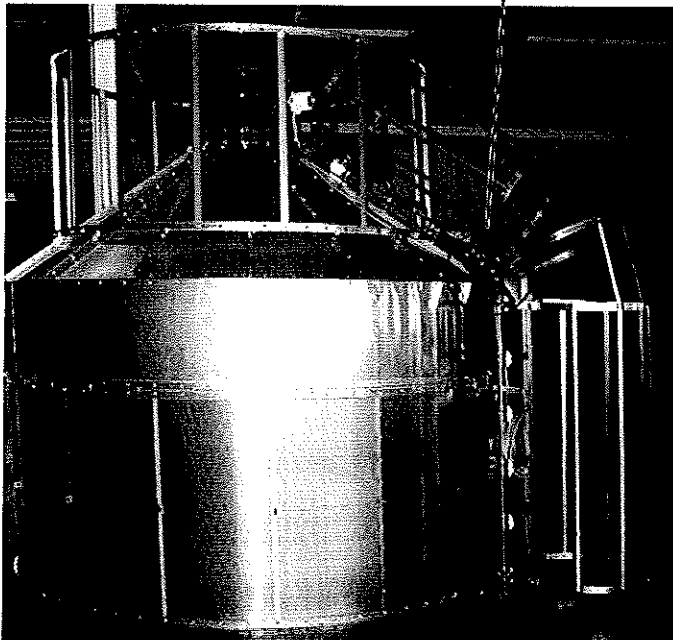
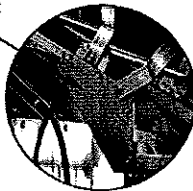


Figure 21

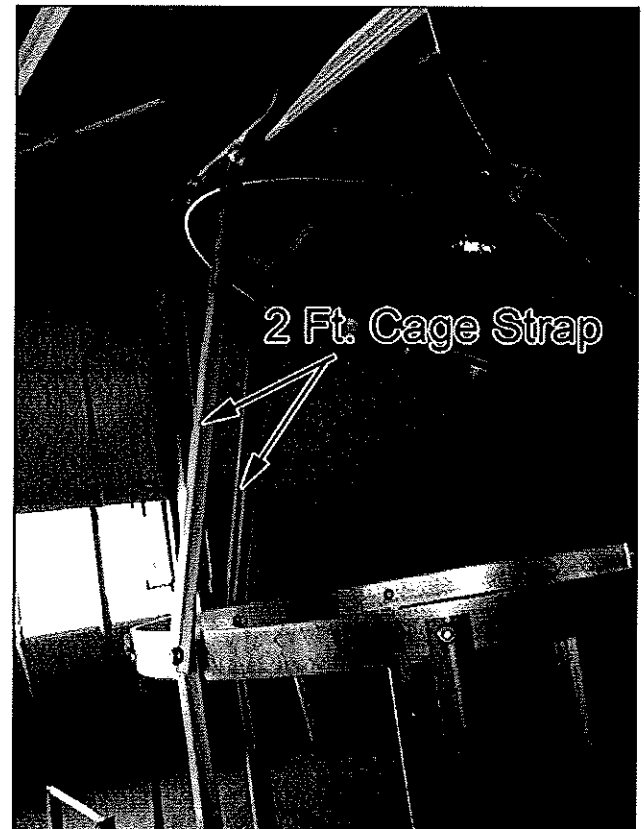


Figure 23

- Starting with the top of the 6 ft. ladder, bolt (1) safety cage hoop to the ladder every 4 feet. The distance between the last safety cage hoop and the bottom safety cage hoop will be 5 feet.

Note: The bottom safety cage hoop has a wider circumference than the regular safety cage hoops to accommodate the angle at the bottom of the 5 ft. cage strap.

- The upper holes of the top 4 ft. straps are bolted to the cage hoop of the ladder cage directly above, sharing the 5/15-18 x 1" bolts and locknuts. See Figure 24.
- The bottom holes of the top (4) 4 ft. straps that complete the cage share the same bolts that are used for the upper holes of the (4) straps used in the lower 4 ft. ladder cage. See Figure 24.

- The ends of the 5 ft. cage straps are bolted to the bottom cage hoop of the ladder cage directly above sharing the 5/16018 x 1" bolts and locknuts. See Figure 25.
- Remove the 4' inside ladder from its brackets. Rotate the ladder 180 degrees. Bolt the ladder to the brackets. Drill holes in the bottom ladder brackets and bolt the bottom of the ladder to the floor.

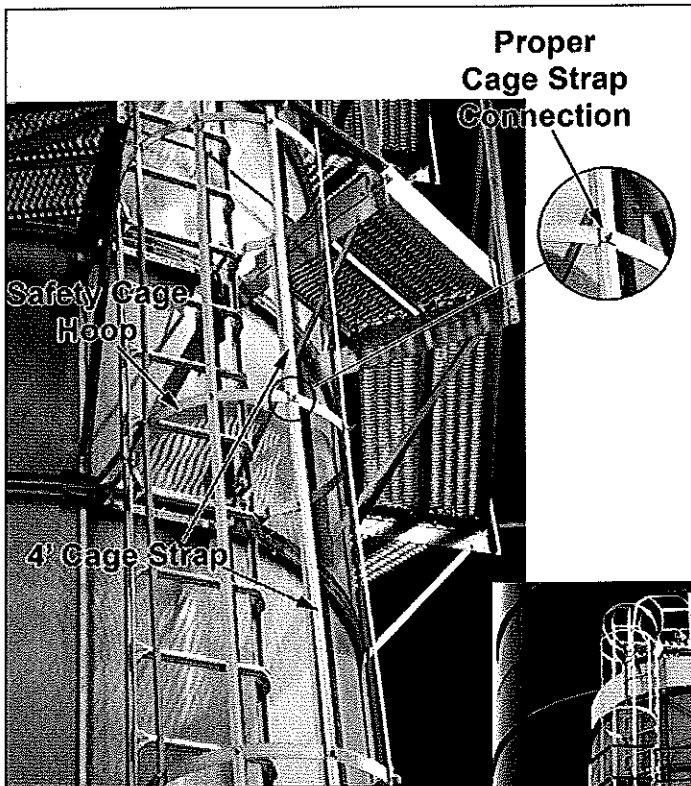


Figure 24

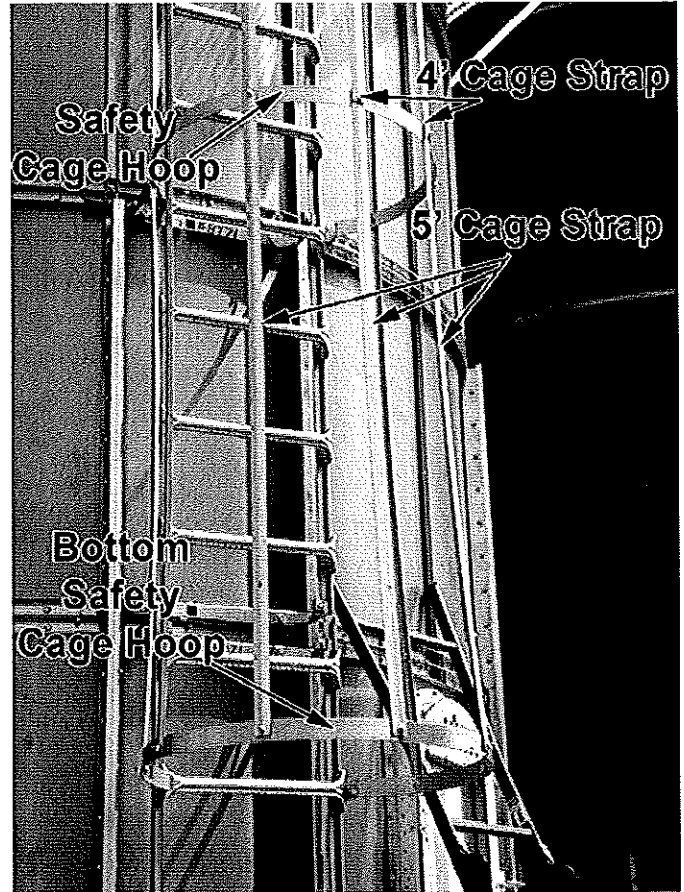
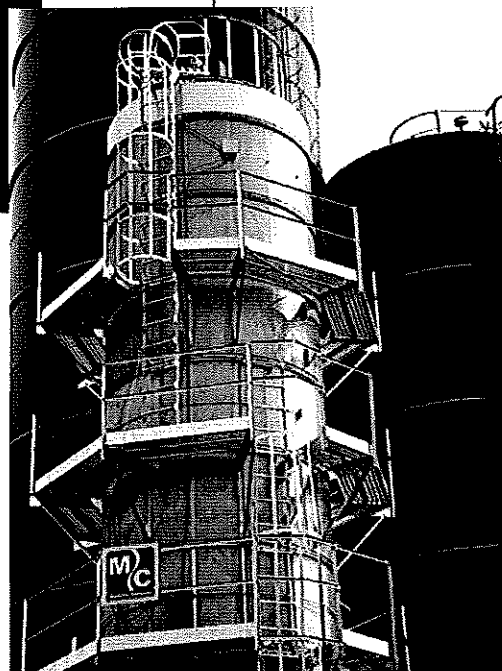
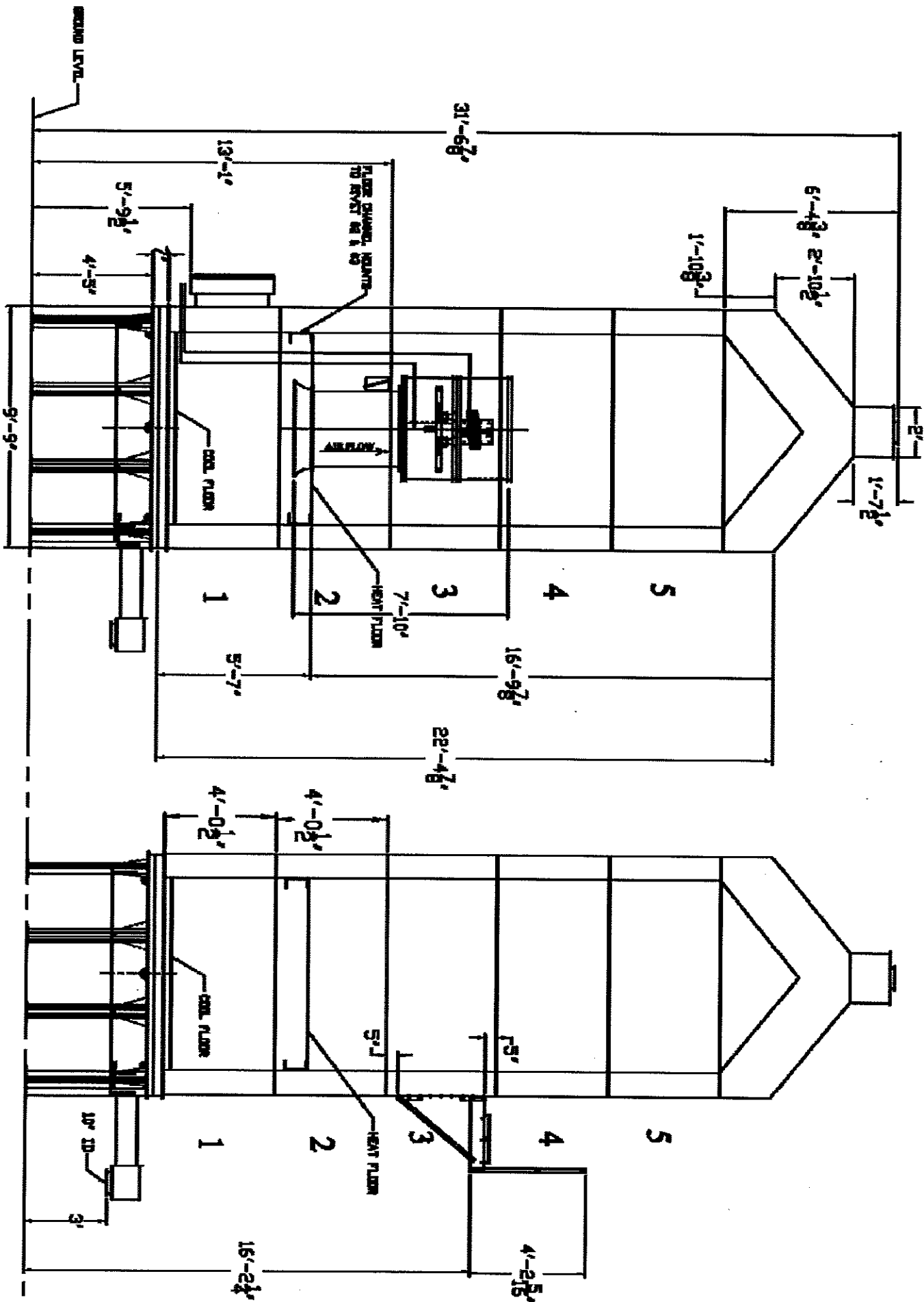


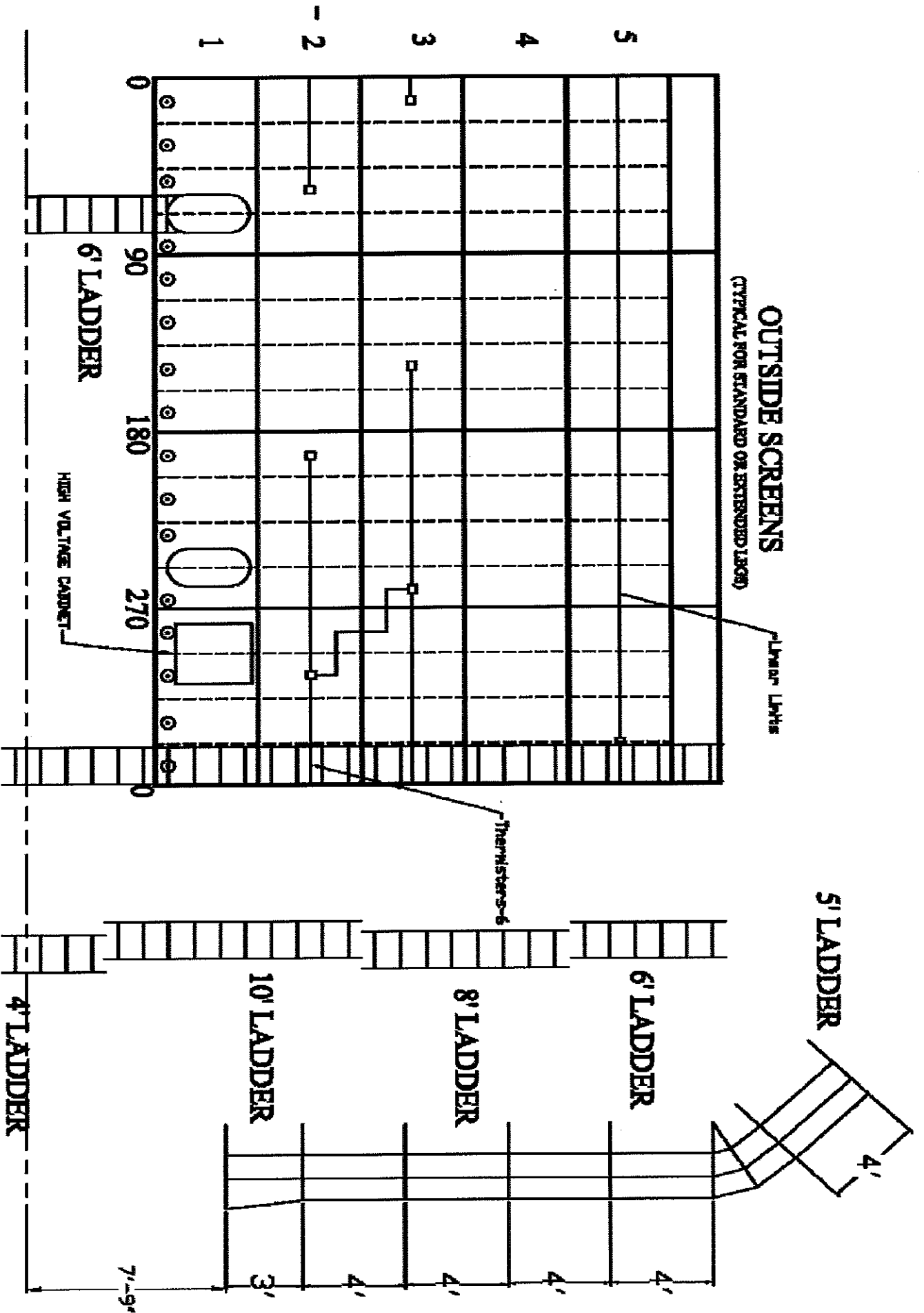
Figure 25



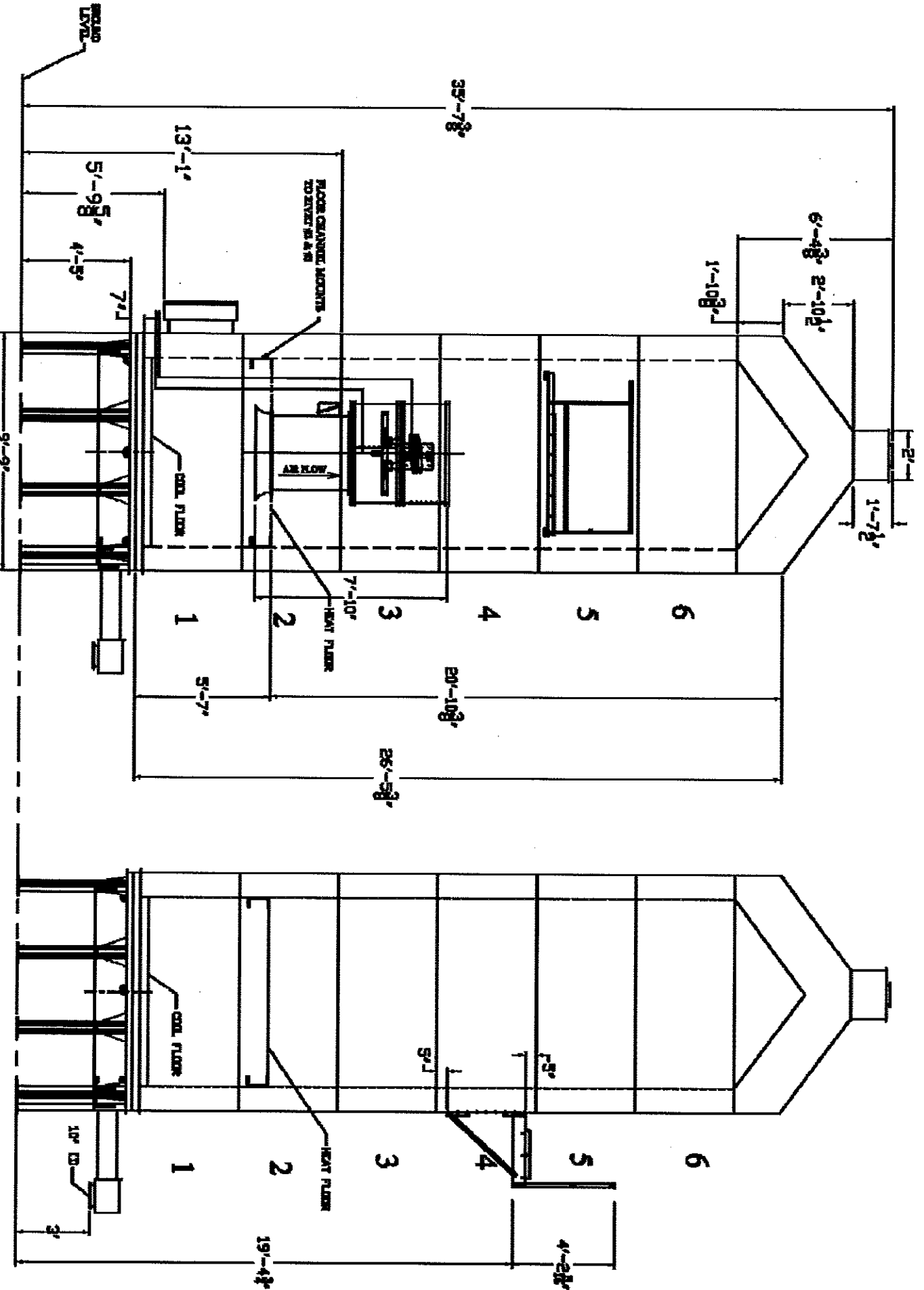
10520 LADDER & SAFETY CAGE ORIENTATION



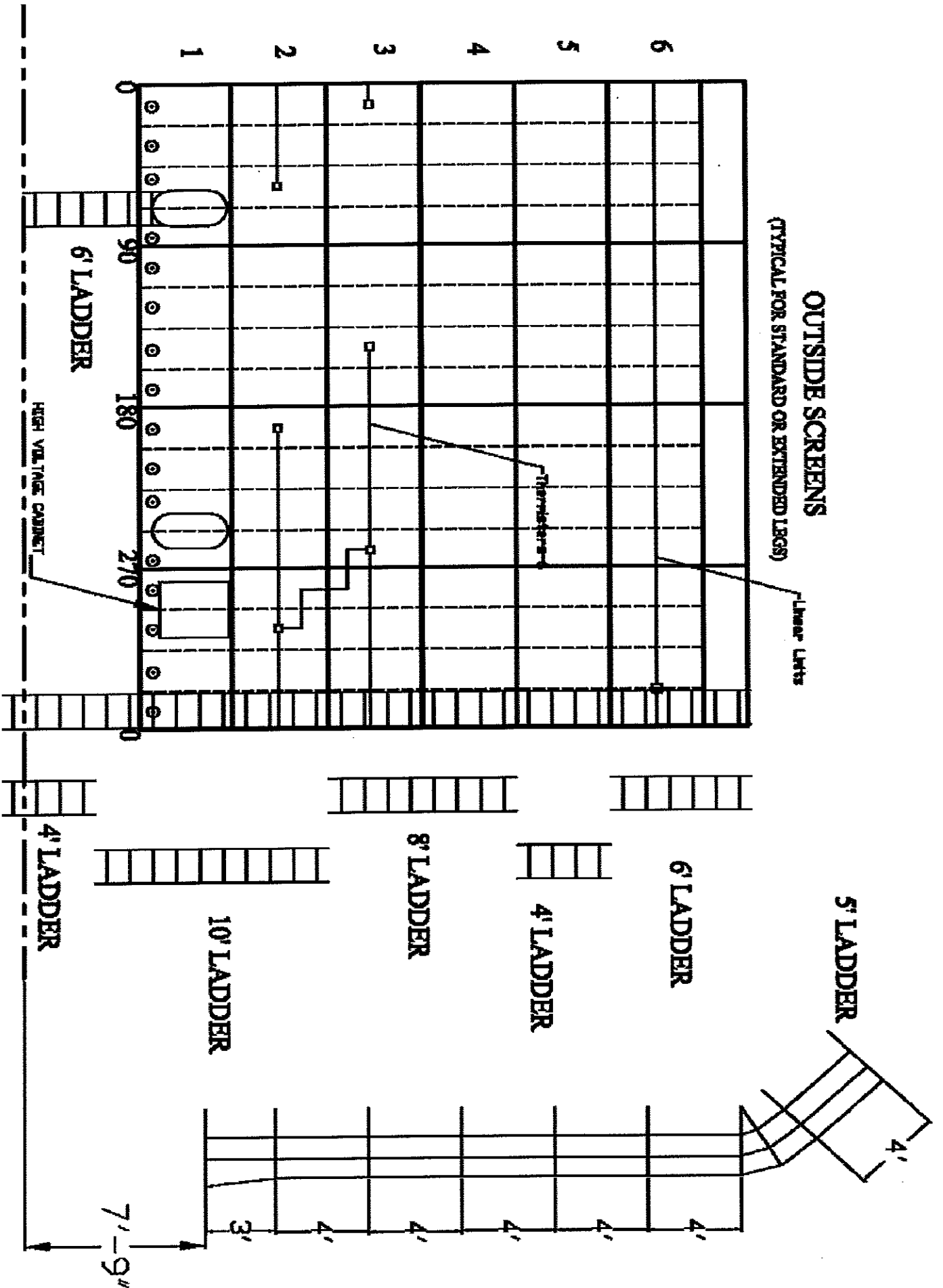
10520 LADDER & SAFETY CAGE ORIENTATION



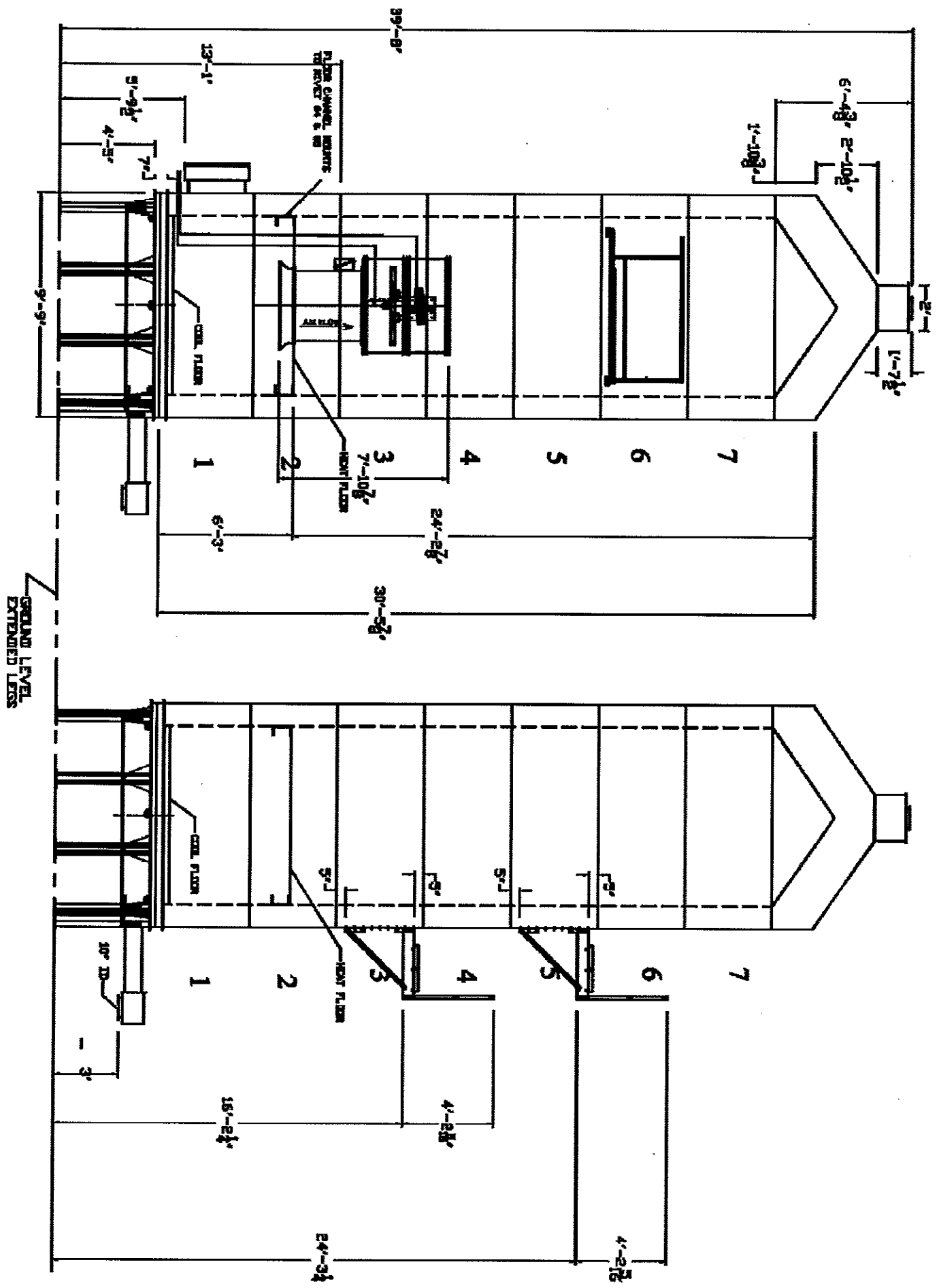
10630 LADDER & SAFETY CAGE ORIENTATION



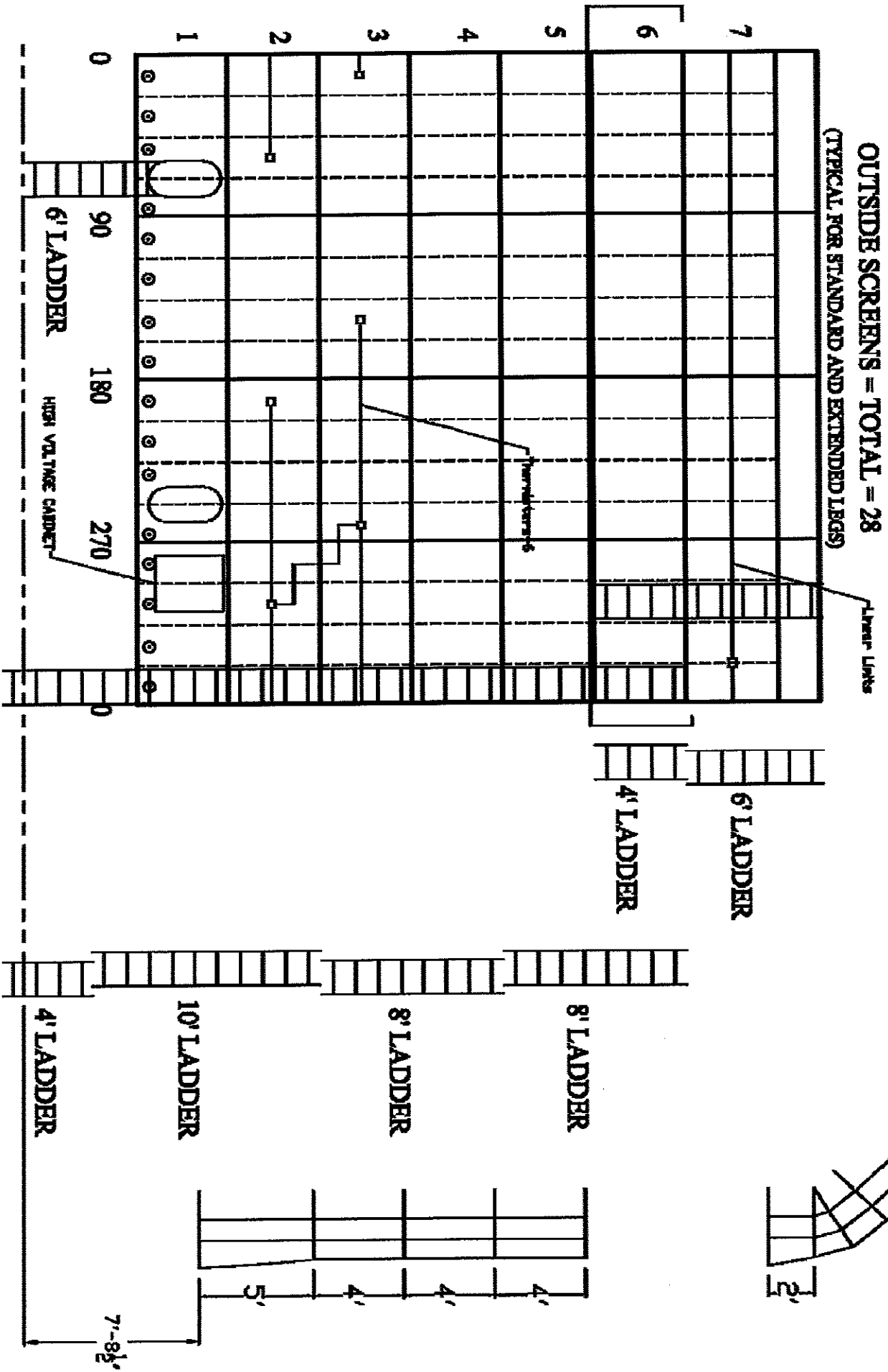
10630 LADDER & SAFETY CAGE ORIENTATION



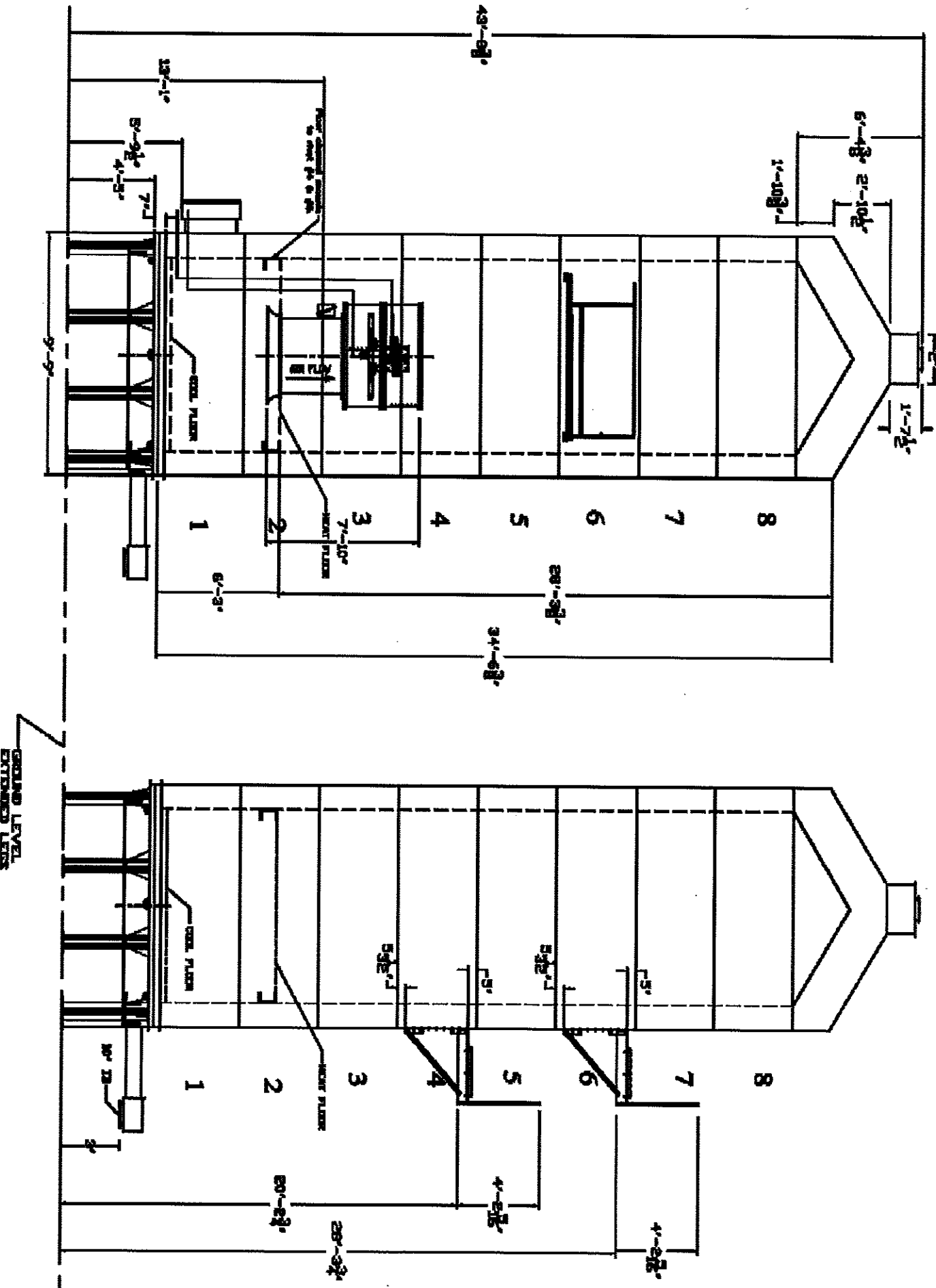
10730 LADDER & SAFETY CAGE ORIENTATION



10730 LADDER & SAFETY CAGE ORIENTATION

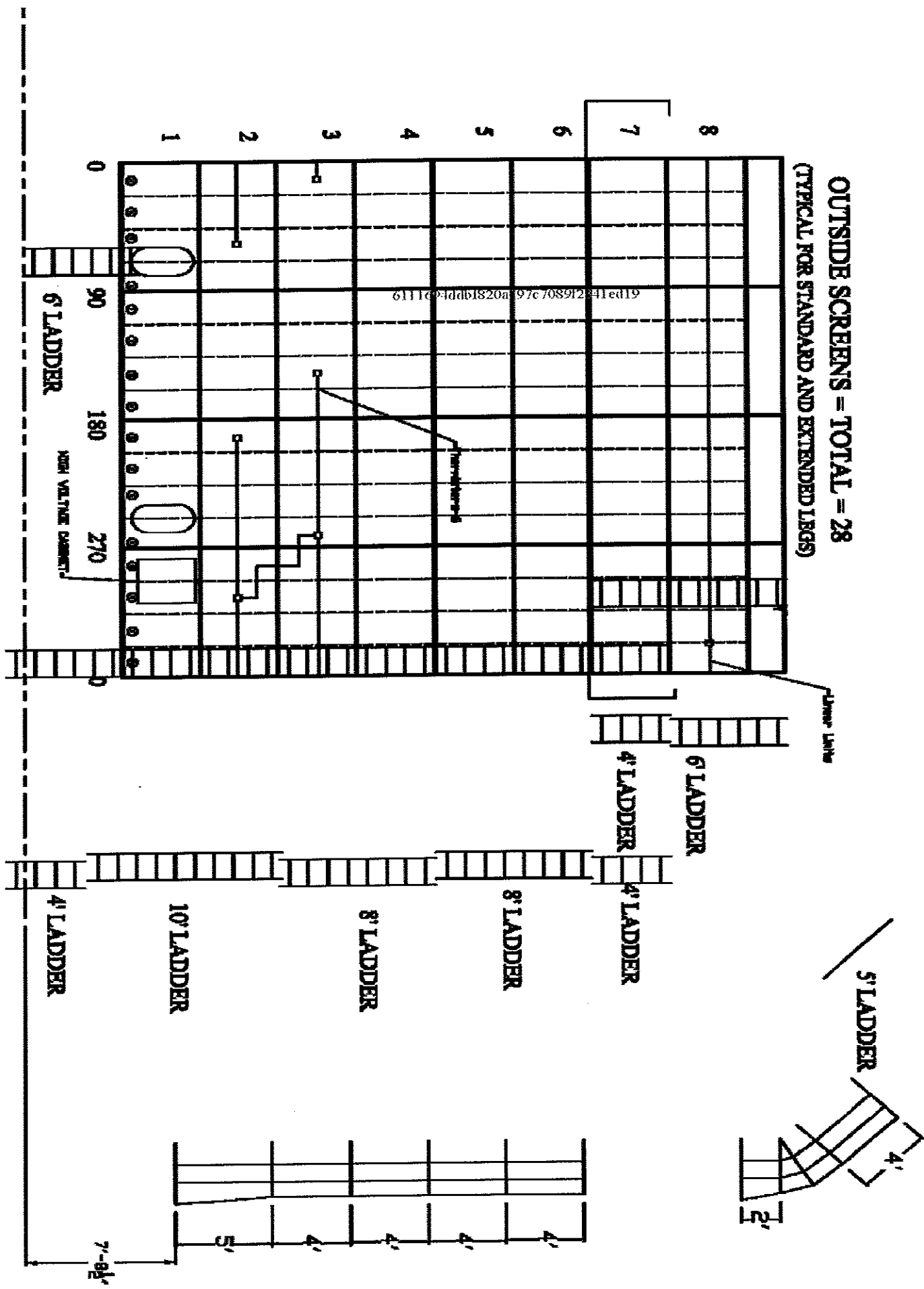


10840 LADDER & SAFETY CAGE ORIENTATION

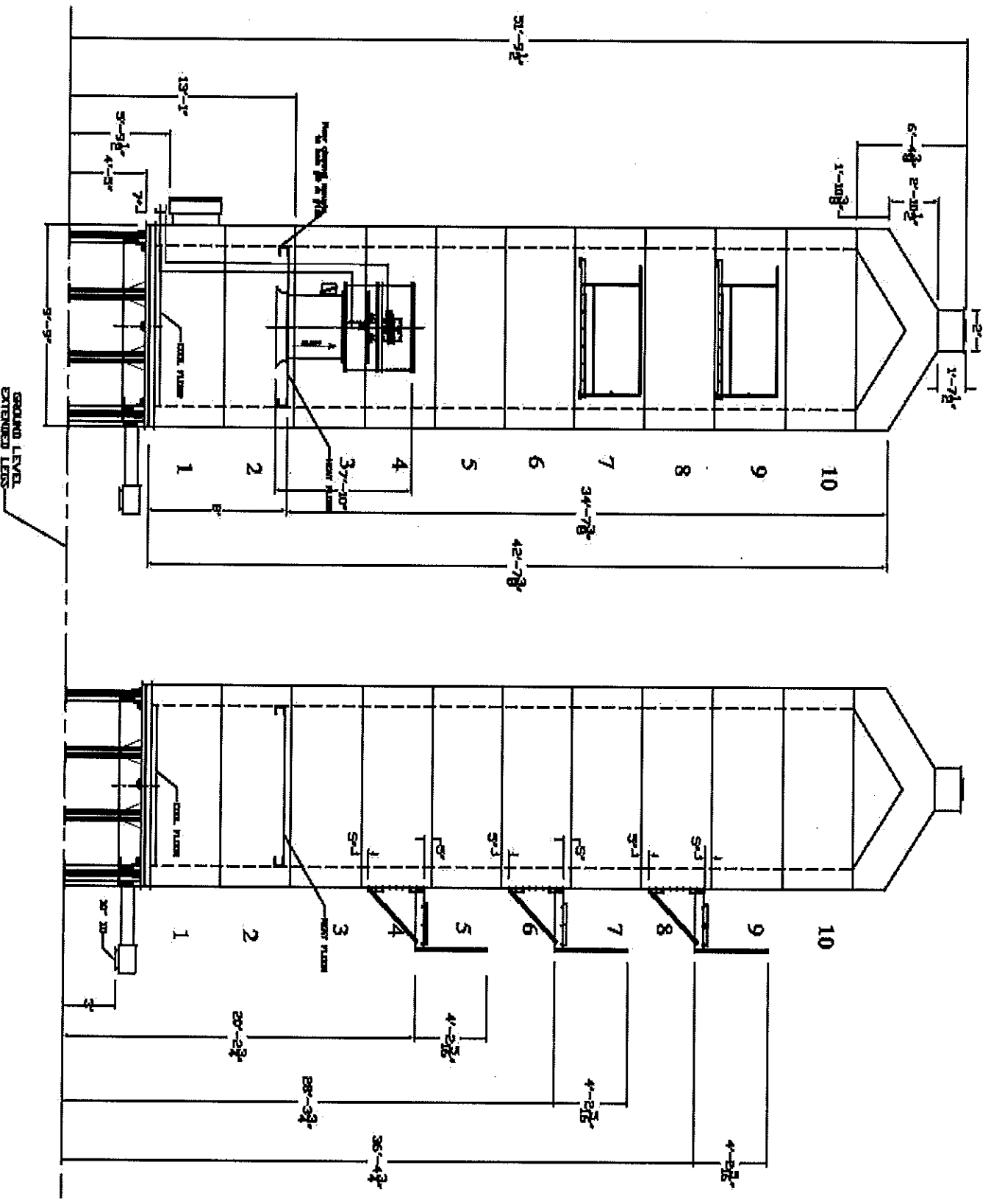


10840 LADDER & SAFETY CAGE ORIENTATION

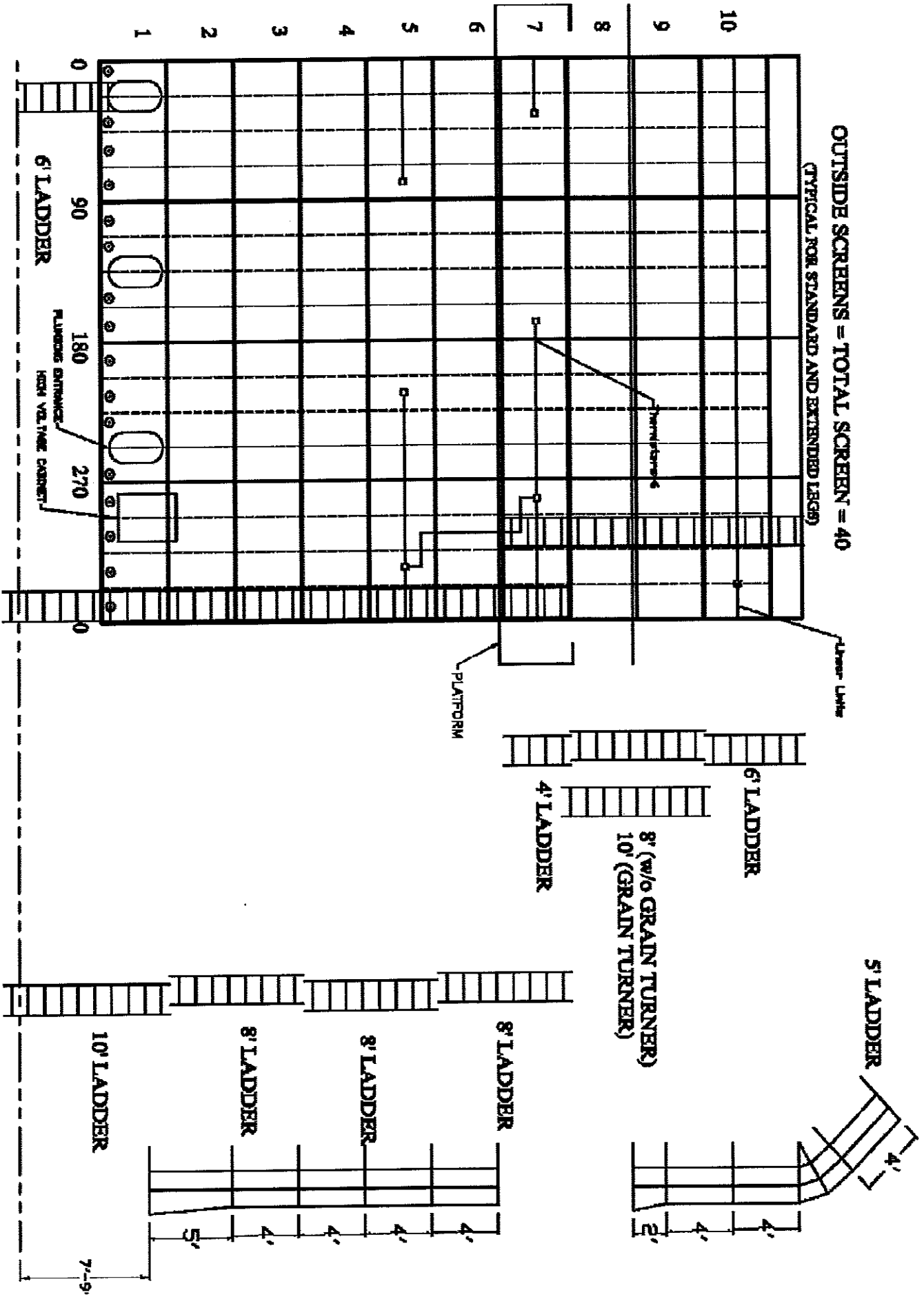
OUTSIDE SCREENS = TOTAL = 28
 (TYPICAL FOR STANDARD AND EXTENDED LEGS)



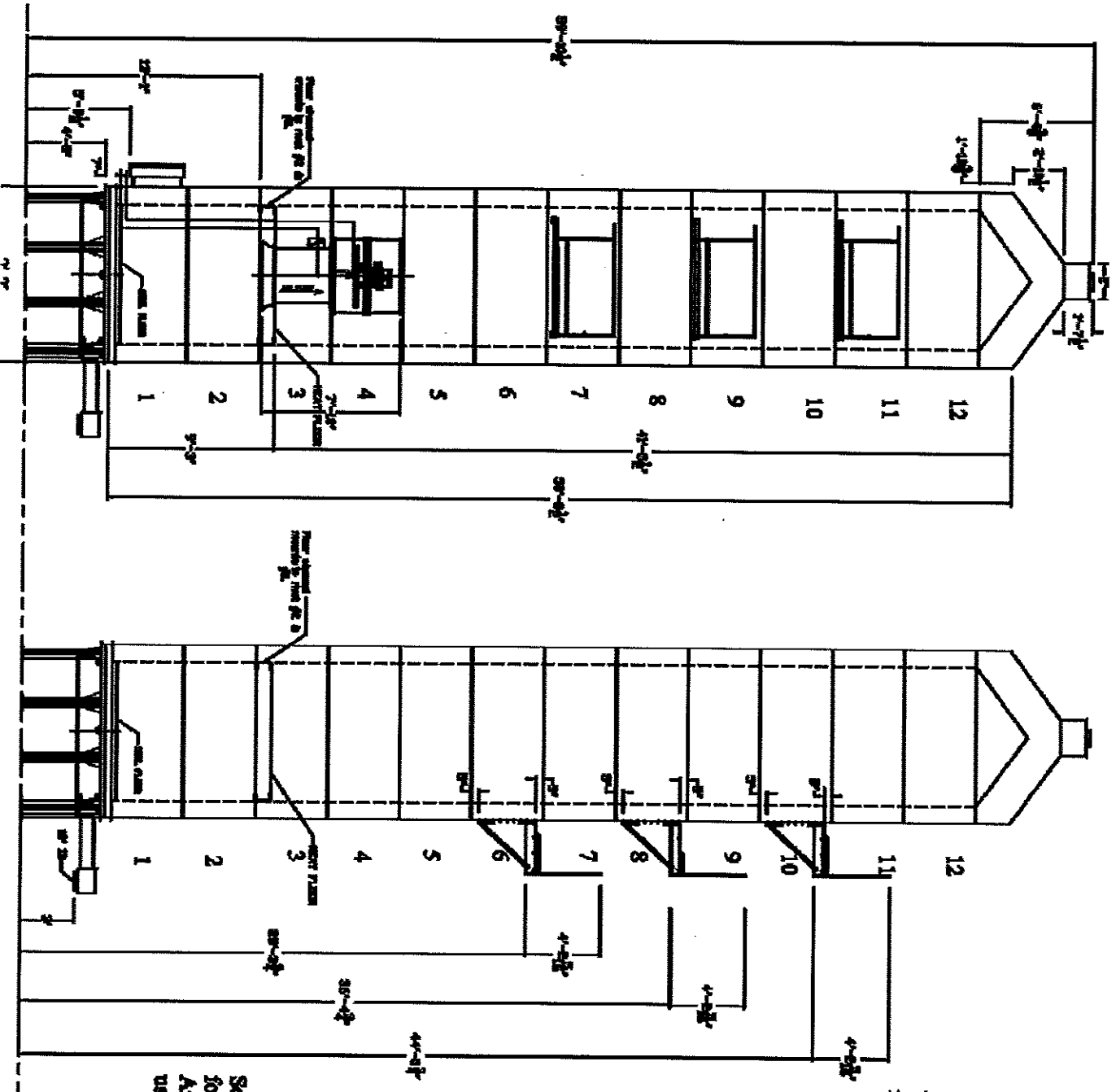
101050 LADDER & SAFETY CAGE ORIENTATION



101050 LADDER & SAFETY CAGE ORIENTATION



101275 LADDER & SAFETY CAGE ORIENTATION

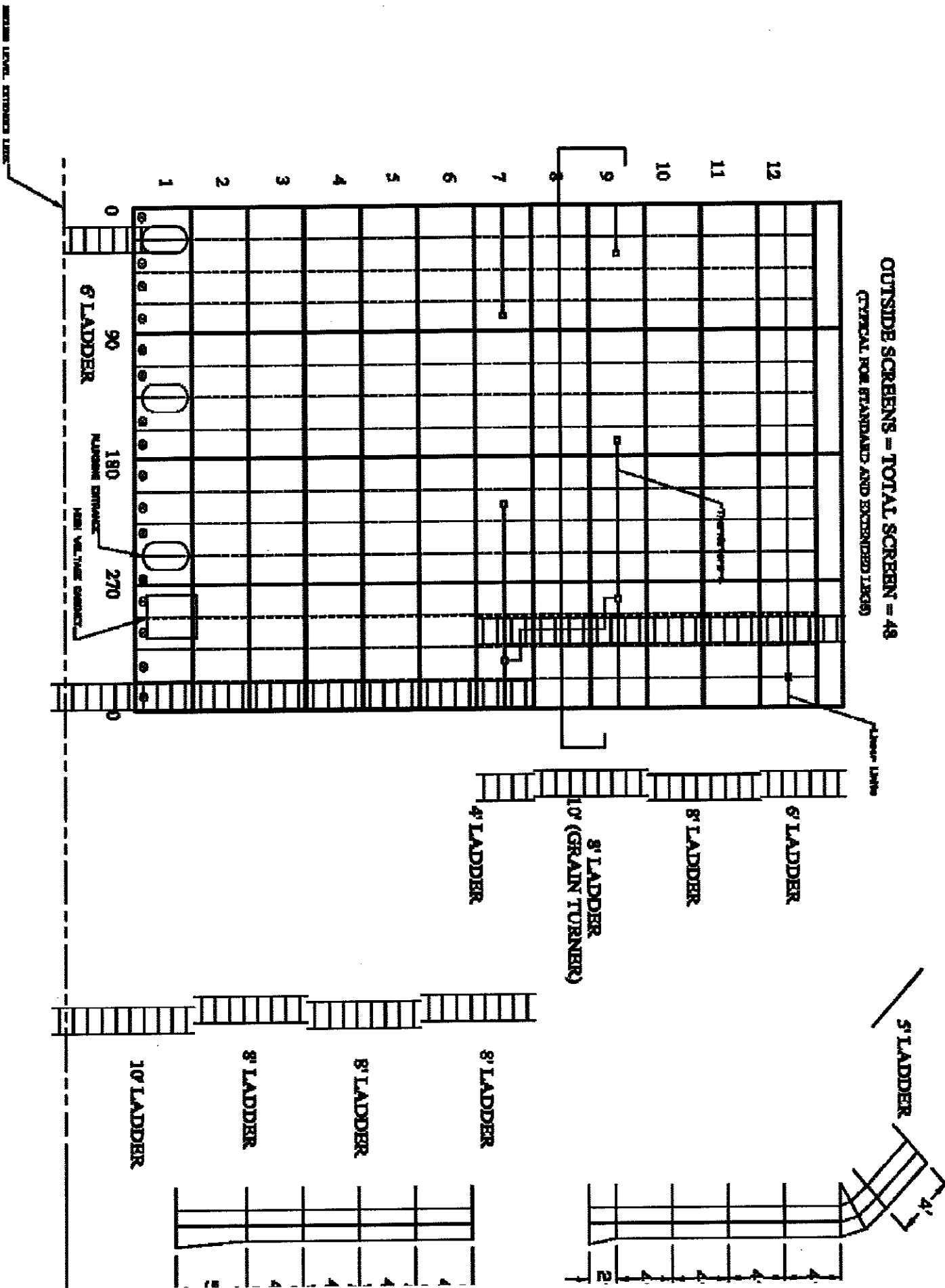


Sections 4, 5, 6 and 7 contain outside vertical angles mounted directly to screen and partition.

Sections 1, 2 & 3 contain outside large angles for outer support of partitions. Angles used on all inside screens and partitions, used 5/16" hardware for all partitions attachments.

101275 LADDER & SAFETY CAGE ORIENTATION

OUTSIDE SCREENS = TOTAL SCREEN = 48
 (TYPICAL FOR STANDARD AND EXTENDED LADDS)



Installation of the (4) Clean-Out Pipes (101050 & 101275)

The (4) Clean-Out Pipes 1¼ x 88¾" (101050) and 1¼ x 120" (101275) must be installed between the bottom of the heat floor and the top of the cool floor. Each pipe will have a floor flange installed on the threaded top end of the pipe.

The other end of the pipe is not threaded and will just slide through the clean-out floor seal and pipe gasket that must be bolted to the cool floor. Use 5/16 x ¾" HWHCS and whiz locknuts to bolt floor flanges and seals to heat and cool floors. See page 53.

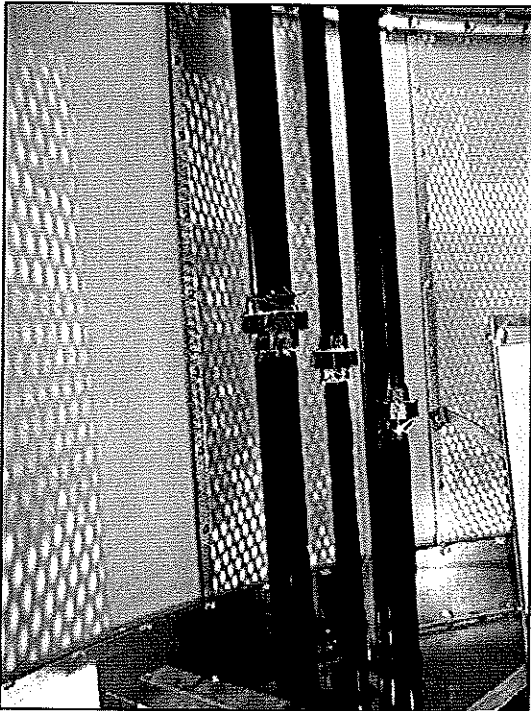


Figure 26

Burner Gas Piping

NOTE: When connecting any gas fittings, it is best to use yellow Teflon Tape and non-hardening Teflon-based pipe sealant.

Check for leaks after electric connections are complete. Open all hand valves and spray the plumbing with a water and soap combination. The gas leaks will create bubbles, showing the leaks' locations.

Natural Gas

All natural gas burners require only (1) Gas Supply line to be connected to the Burner. Models 10520, 10630, and 10730 use a 1½" (38mm) gas line and Models 101050 and 101275 use a 2". Both size natural gas supply lines are connected to the burner with a stainless steel braided hose and either 1½" or 2" unions. (1) of the 2" unions has a 2" to 1½" reducer bushing to connect to the stainless steel braided hose.

Liquid Propane

There are (3) gas lines to be connected:

- (1) ¾" Liquid Propane Inlet Line leading to the Vaporizer
- (1) 1" piping from the Vaporizer to the Manifold Train
- (1) 1½" or 2" (depending on the dryer model) piping from the Manifold Train to Burner.

All (3) lines are connected to the Burner with Stainless Steel Braided Hoses. The ¾" Liquid Supply line to Vaporizer and the 1" Vapor to Burner Control Manifold line from the Vaporizer use a 1 x 24" stainless steel braided hose with unions to connect to the Vaporizer. (1) of the 1" unions has a 1" to ¾" reducer bushing to connect to the ¾" Liquid Propane Supply line. See Figure 27.



Figure 27

The 1½" 10520, 10630, and 10730 and the 2" 101050 and 101275 Burner Vapor Supply lines from Burner Control Manifold to Burner use 1½" Stainless Steel Braided Hoses with unions to connect to the Burner. (1) of the 2" unions has a 2" to 1½" reducer bushing for the 1½" Braided Hose. See Figure 28.

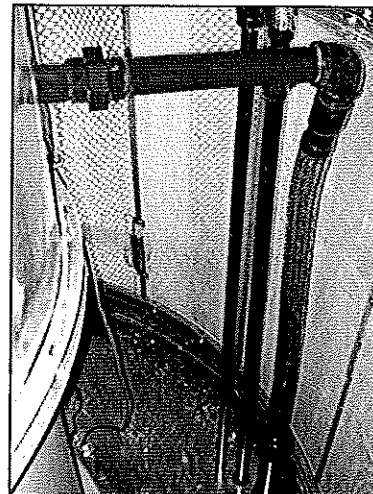


Figure 28

Wiring

101050 & 101275

Fan Motor - 3 Phase, 60 Hz

There is a 2" black flexible conduit containing (4) wires (red, black, blue, - power, and green - ground) for the fan motor. One end of this conduit is connected to the Fan Motor in screen section #3. See Figure 29. The other end is in cool section #2 and must be inserted into the special exit port in the cooling column of section #1. Then, connect conduit to the bottom of the High Voltage Cabinet. Once the power wires have been drawn into the High Voltage Cabinet and up to the bottom of the Overload Contactor, they must be trimmed to length, insulation removed from ends, then inserted into the proper lugs. The green ground wire is connected to the closest ground lug. If the dryer is equipped with a Soft Starter, the power wires are connected to terminal lugs 2T1, 4T2, and 6T3. The green ground wire is connected to the closest ground lug.

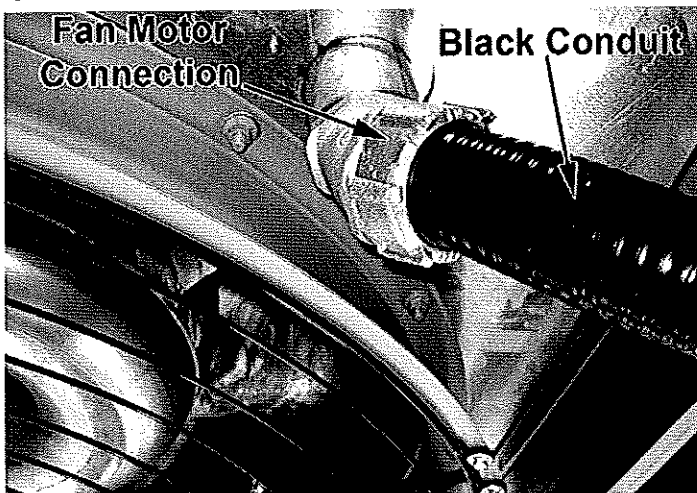


Figure 29

Ignition Board Box & Wires 101050 & 101275

- There is a length of 3/4" flexible conduit connected to the Ignition Board Box, which is placed in the Base Section of the dryer during shipment. The Ignition Board Box is to be mounted on a special plate located in the bottom of Section #3 just under the Heat Floor. The mount plate is bolted to the side of (1) of the Floor Braces. See Figure 30

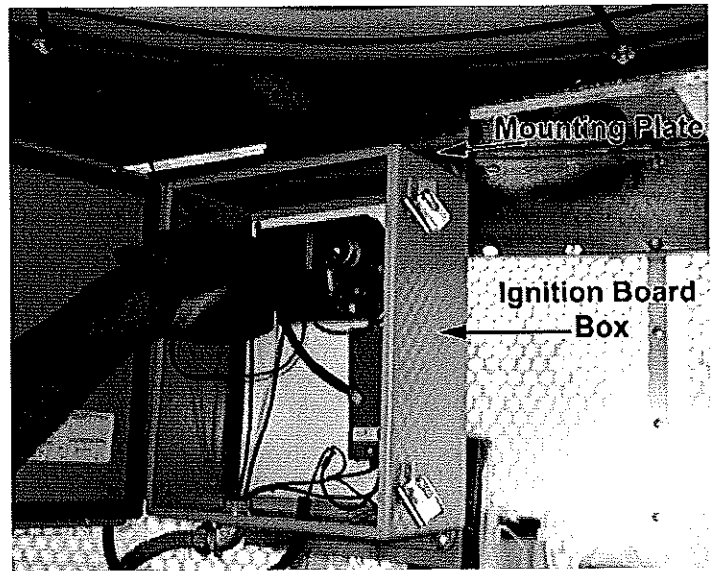


Figure 30

- There is (1) set of Ignition Wires, (1) large orange High Tension and (1) black 18 gauge Flame Sense Wire, which must be lowered from the side of the Burner Housing down through the Heat Floor and to the side of the Ignition Board Box that has the (2) black Feed Through Fittings. One fitting is for the orange Ignition Wire and the other is for the black Flame Sense Wire. See Figure 31.

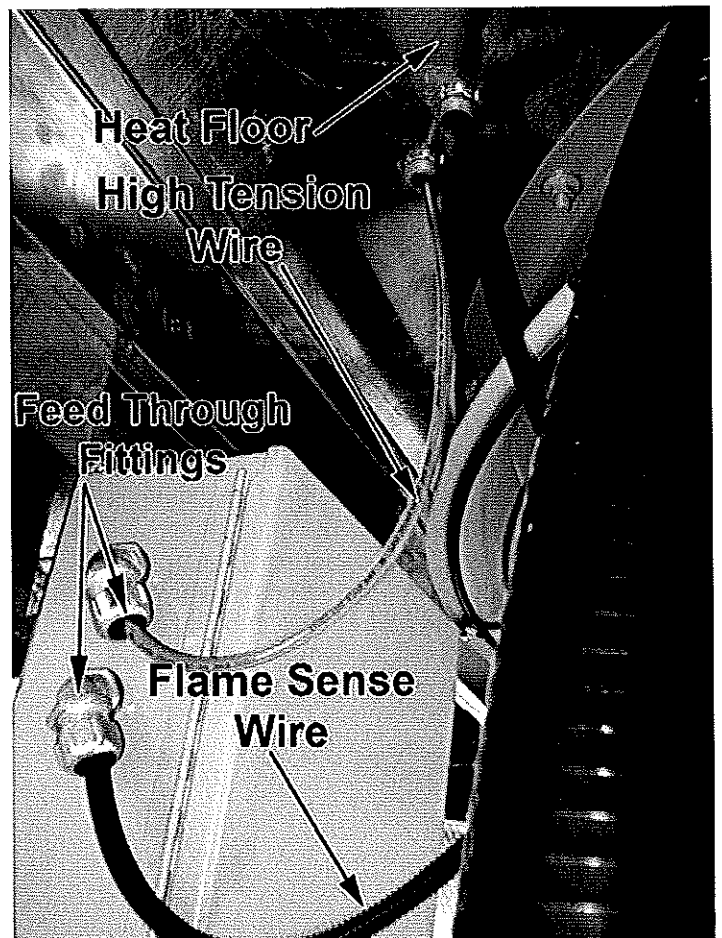


Figure 31

- Insert wires into proper Feed Through and pull into Ignition Board Box. The orange Ignition Wire will be placed onto the E1 spade on top of the High Tension Coil and the black Sense Wire will be placed onto the spade terminal S1 of Ignition Board. See Figure 32.

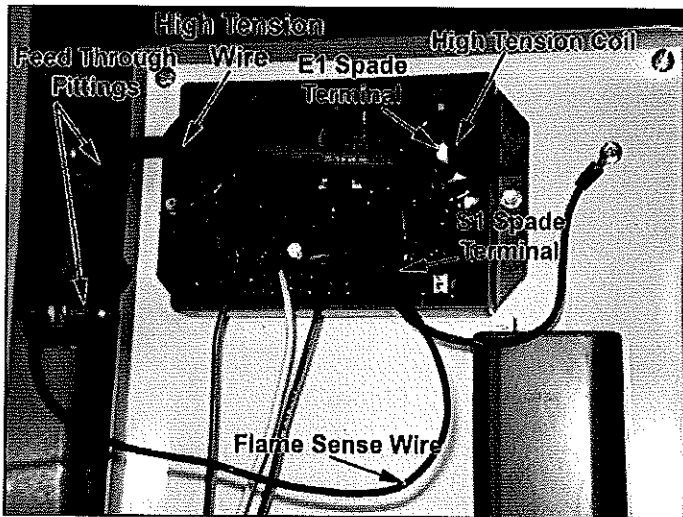


Figure 32

- Cut both wires to correct length plus a little extra, remove insulation from ends, and install female wire connectors. A 1" (2.54cm.) piece of shrink insulation is to be placed over the end of the orange high tension wire and the end of the female wire connector for extra protection. Heat a piece of shrink insulation so that it forms a tight seal over wire and connector.
- Run Ignition liquidtight to High Voltage Cabinet, making the connection per print.

Ignition Electrode and Sense Probe Wires Models 10520/10630/10730

As the Ignition Board is already mounted in the 2nd Screen Section, all that is necessary is to lower the large orange High Tension Ignition Wire and the black 18 gauge Flame Sensing Wire from the side of the Burner Housing down through the Heat Floor. See Figures 33 and 34

Insert these wires through their special feed-through fittings, and into the Ignition Board Box. The orange high tension wire will be placed on the E1 spade terminal on top of the High Tension Coil and the black Flame Sense Wire will be placed onto the spade terminal of S1 of Ignition Board. Check paragraph above for wire connection terminal preparations.

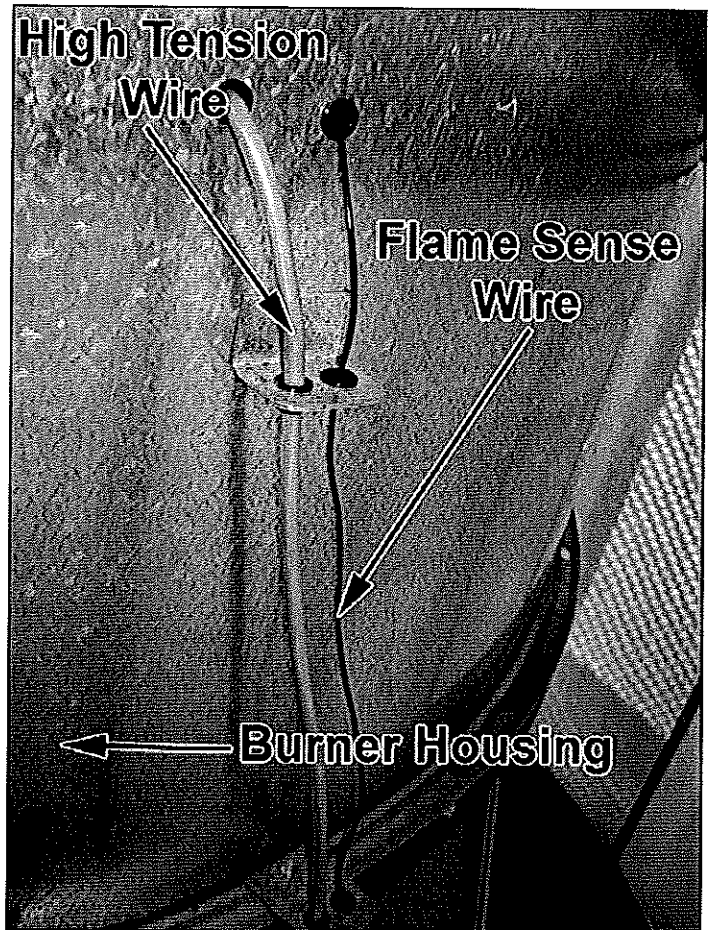


Figure 33

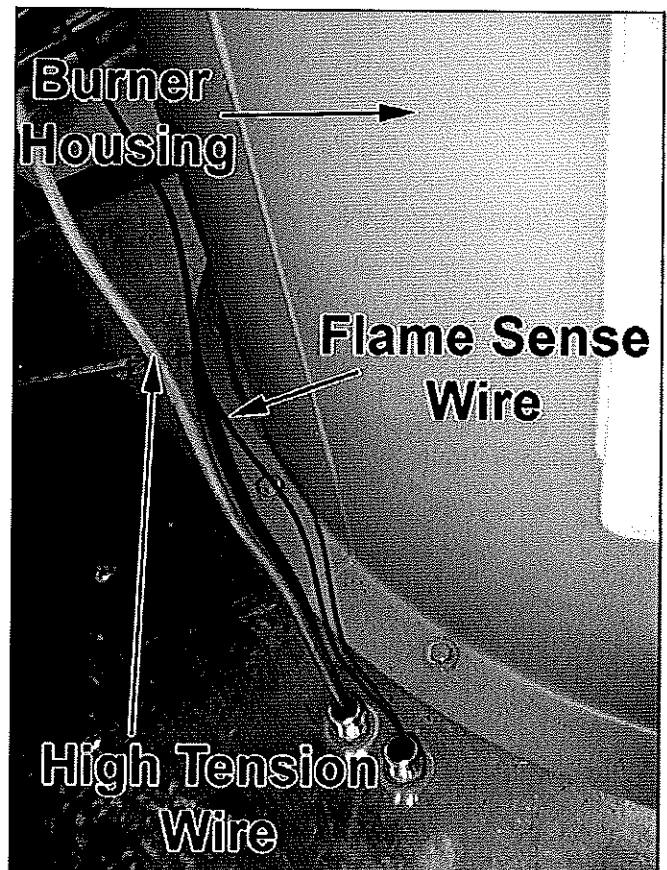


Figure 34

Air Pressure Switch (101050)

The Air Pressure switch is located in the motor control portion of the High Voltage Cabinet. The 1/4" aluminum tubing for the Air Pressure Switch is coiled in the cool section of the dryer. See Figure 35. Unwind aluminum tubing and connect open end to the Air Pressure Tube that is installed in the Heat Floor next to the 3/4" vapor line coming from the (3) ring vaporizer. A special compression fitting is supplied.

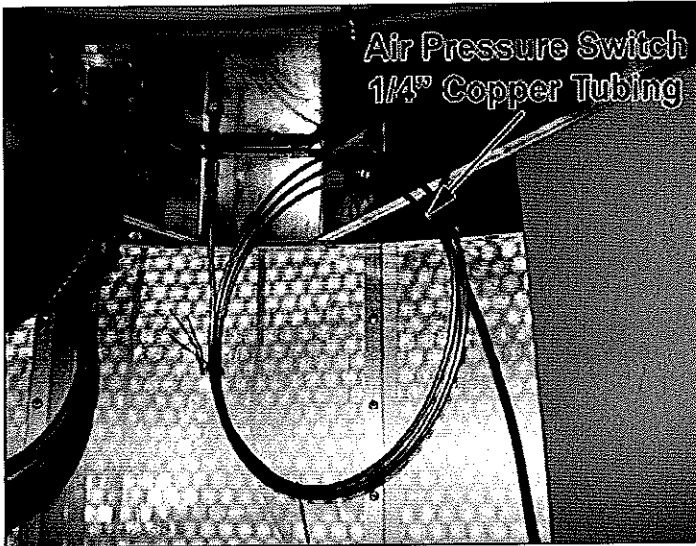


Figure 35

Moisture Control Thermistors

Unwind the 3/8" (9.5 mm) flexible conduit from the (4) way Thermistor Box on the side of the fourth Screen Section on Model 101050 or the second Screen Section on Models 10520, 10630, and 10730, and let the flex conduit down to the High Voltage Cabinet. Place the 90° elbow fitting at the end of flex conduit into the hole in the bottom of the cabinet (wires first) and secure with locknut. Be sure to place blue plastic wire protector cap next to locknut.

IMPORTANT: Check resistance reading of Thermistor wires when disconnected from Moisture control Board. Determine that neither wire is shortened to ground and resistance reading is correct for current outside temperature.

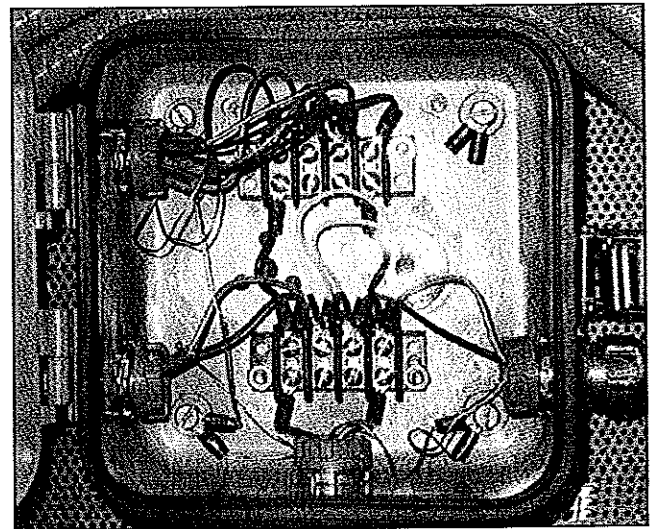


Figure 36

Run the Liquidtight from the Thermistor drop box three boxes down to the junction box and wire per diagram inside junction box. Run main feed from junction box down to High Voltage Cabinet and connect.

Rotary Bin Switch & Linear Limits

- Before the High Voltage supply is run to the High Voltage cabinet, all wiring harnesses can be run and connected properly.
- Start with running liquidtight from the roof section down to the High Voltage Cabinet. See Figure 37. When the Installer is dropping the liquidtight down from the top of the dryer, the receiving tube should rotate at the top of the dryer so the Rotary Slicer blade is oriented properly for this dryer's wet grain in-feed style.

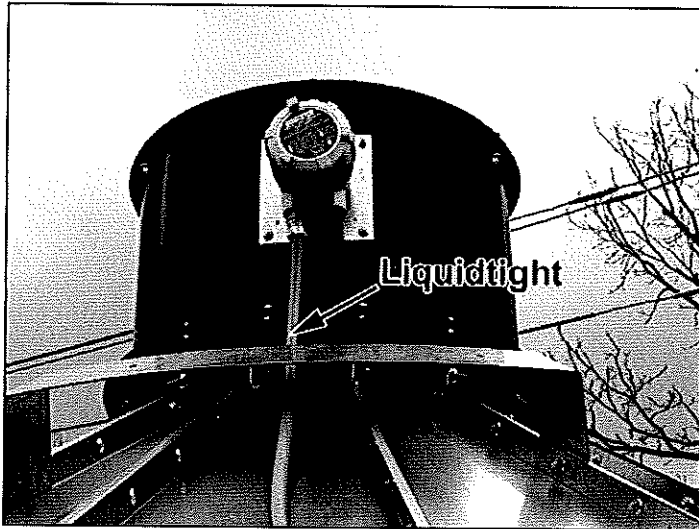


Figure 37

- Run high limit sensing bulb from either High Voltage Cabinet or Ignition box up into heating plenum chamber. Snap sensing bulb onto mounting bracket above heat floor.
- The last setup procedure inside the dryer is to run the motor wiring harness from the cooling section to the High Voltage Cabinet. Connect motor wiring to motor controls. This should be done by a qualified electrician. Open motor junction box to make sure new motor connections have not come loose.
- Disconnect Remote Cabinet from mounting brackets and mount to (2) mounting angles or customer's own mounting device.
- For Tower Dryer Model 101050 and 101257, the aluminum 1/4" air pressure tubing must be run from the High Voltage Cabinet to the Air Pressure tube mounted to the heat floor.
- Before connecting the High Voltage to the dryer, go through all motor wire connecting points and retighten lugs, including motor junction box with new lug kit installed.

- Run RTD above heat floor straight up the inside of plenum chamber. The RTD is either 20 ft. or 40 ft. depending on Tower Dryer Model. The RTD is coiled and ready to be attached to the pre-mounted brackets. See Figure 38.

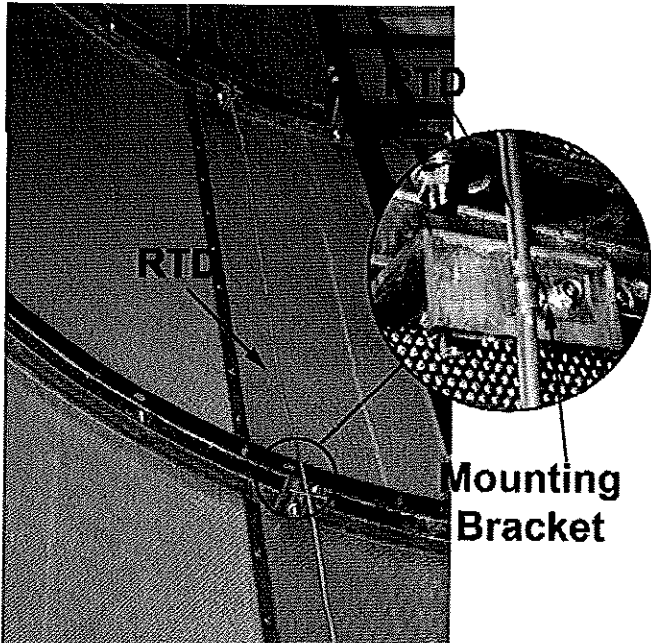


Figure 38

Weather Station

The Weather Station monitors the ambient temperature and relative humidity. This information is displayed on the printed header.

- The weather station should be mounted outside close to control cabinet.
- Run wire and connect wire ends after mounting weather station and pulling short wire to cabinet.
- Do not mount weather station near outside lights, as this will give off heat and false temperature readings.

WEATHER SENSOR CONNECTIONS

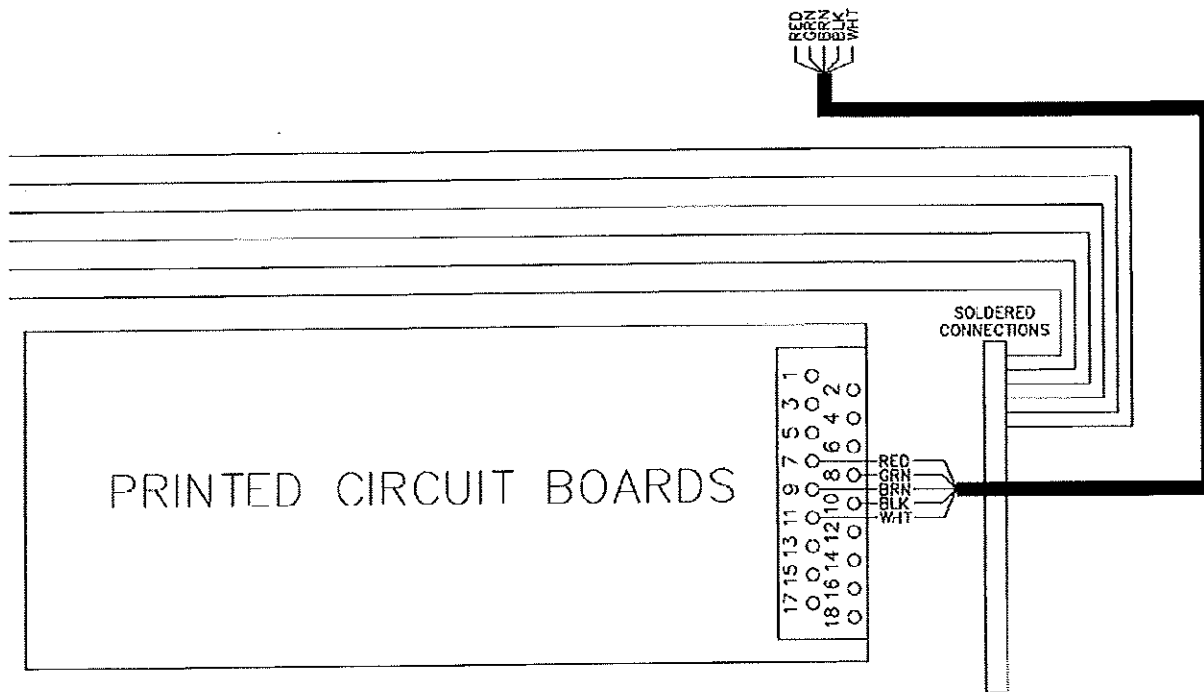
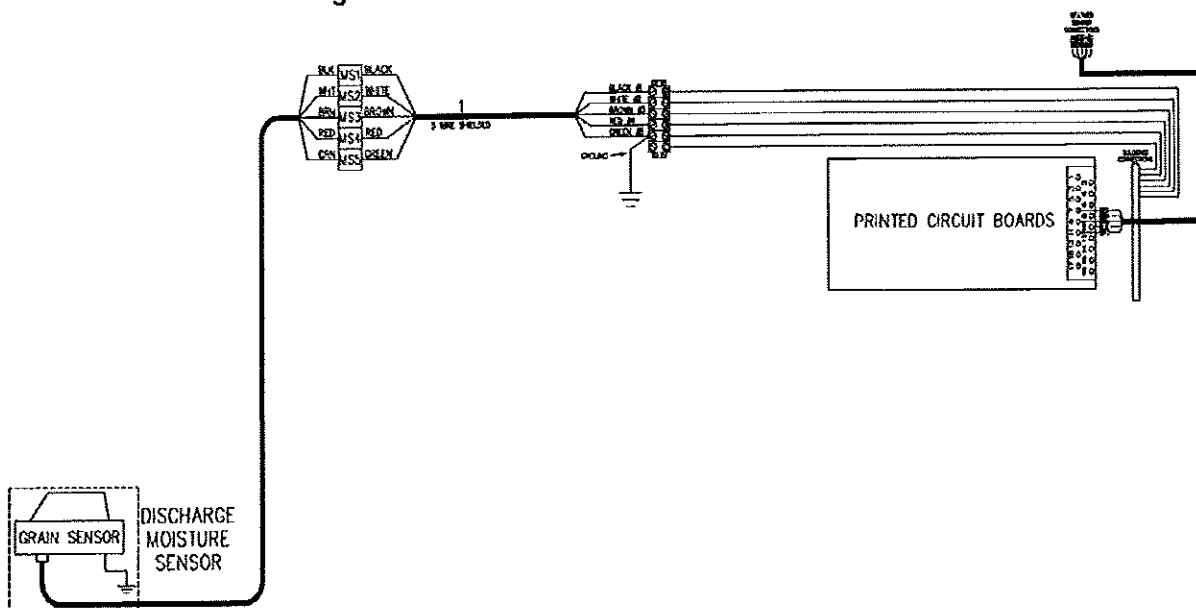


Figure 41



Moisture Sensor Terminal Blocks

- The Moisture Sensor monitors dry grain moisture and temperature. The moisture reading is temperature compensated.
- Auger-mounted moisture sensors are pre-wired and pre-installed.
- If the Tower Dryer has a center dump, the sensor needs to be installed with flow-through sensor mount during Tower Installation. See Figure 39. The sensor mount is to funnel grain through and past sensor at a slower grain rate to measure moisture of grain properly. The flow-through device needs to be mounted on a flat surface with ample grain flowing into it. The sensor has 40' of wire to remotely locate a good position to mount sensor in grain path.

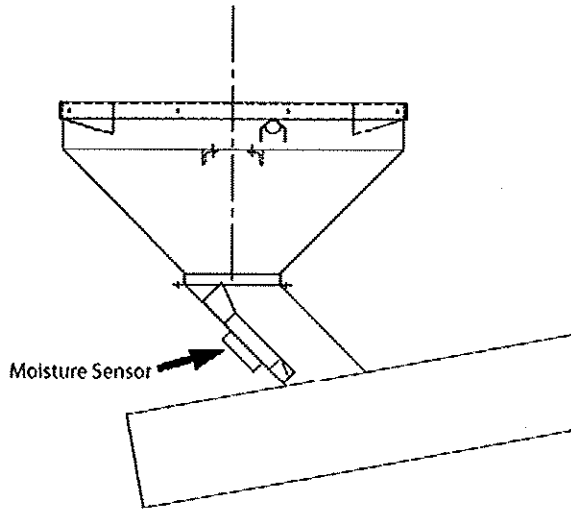


Figure 39

- Moisture Sensor connection points in the High Voltage Cabinet are labeled M1-M5. See Figures 40 and 41.

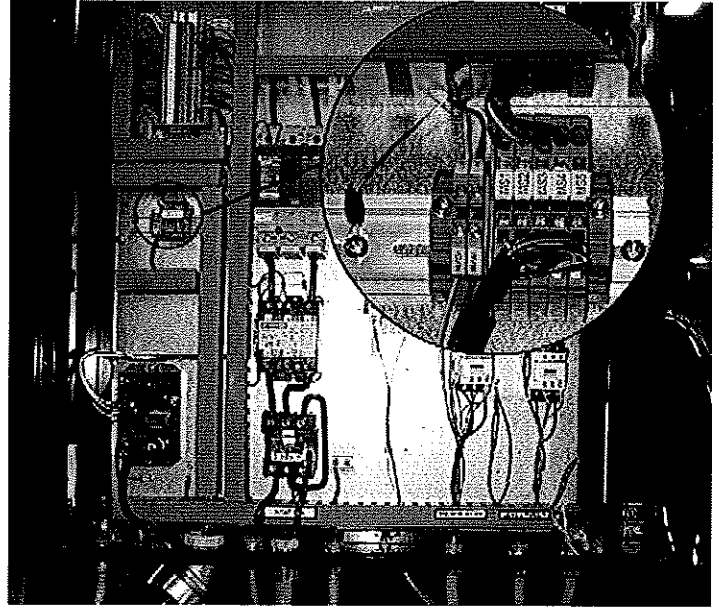


Figure 40

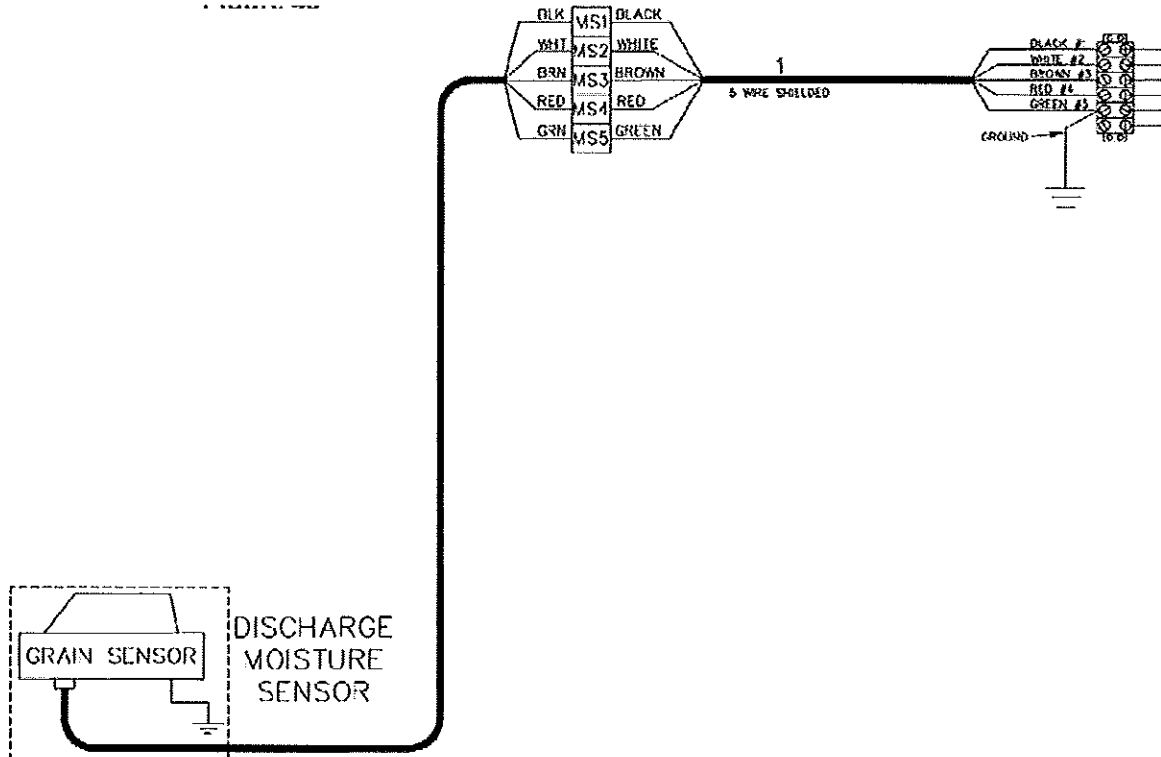


Figure 41

Customer Connection Terminals

- C1 & C2 are dry sets of contacts that close when the Rotary Fill Switch is turning and the timer times out. **See Figure 42.**
- C3 & C4 are dry sets of contacts that close when discharge auger is running. **See Figure 42.**
- C5 & C6 are the 120-volt safety circuit. Pull red jumper out and run two wires to thermal protection for fill and take-away motor controls. Leave jumper in place if motor controls are not available to connect to for shutdown protection. **See Figure 42.**

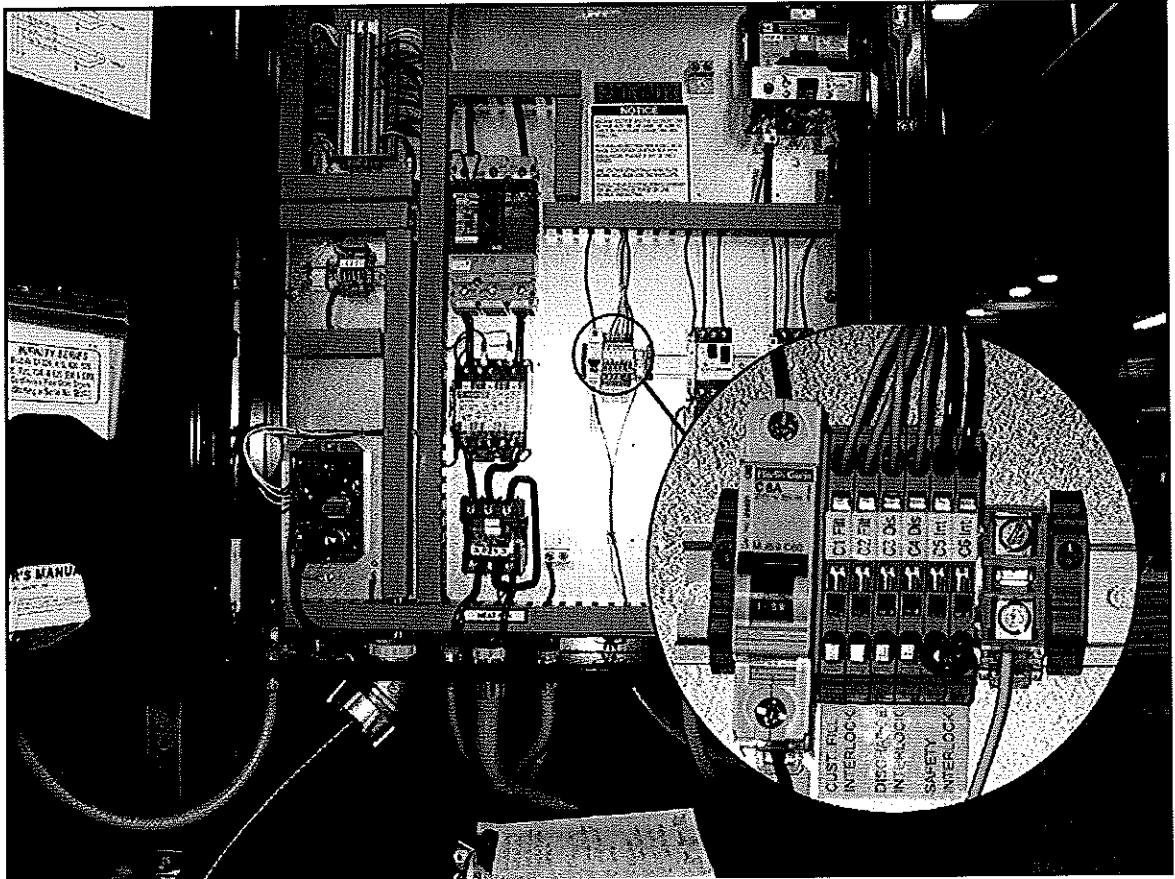
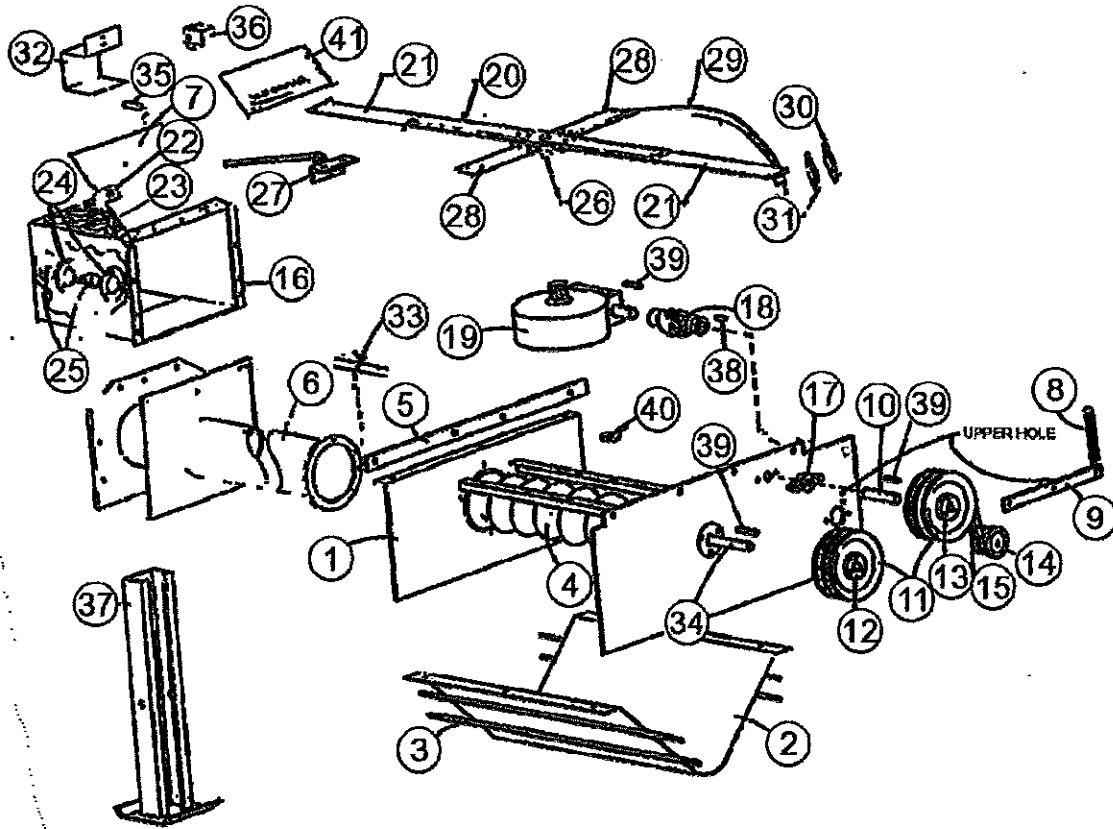


Figure 42

SECTION 2

PARTS

SWEEP & DISCHARGE AUGER

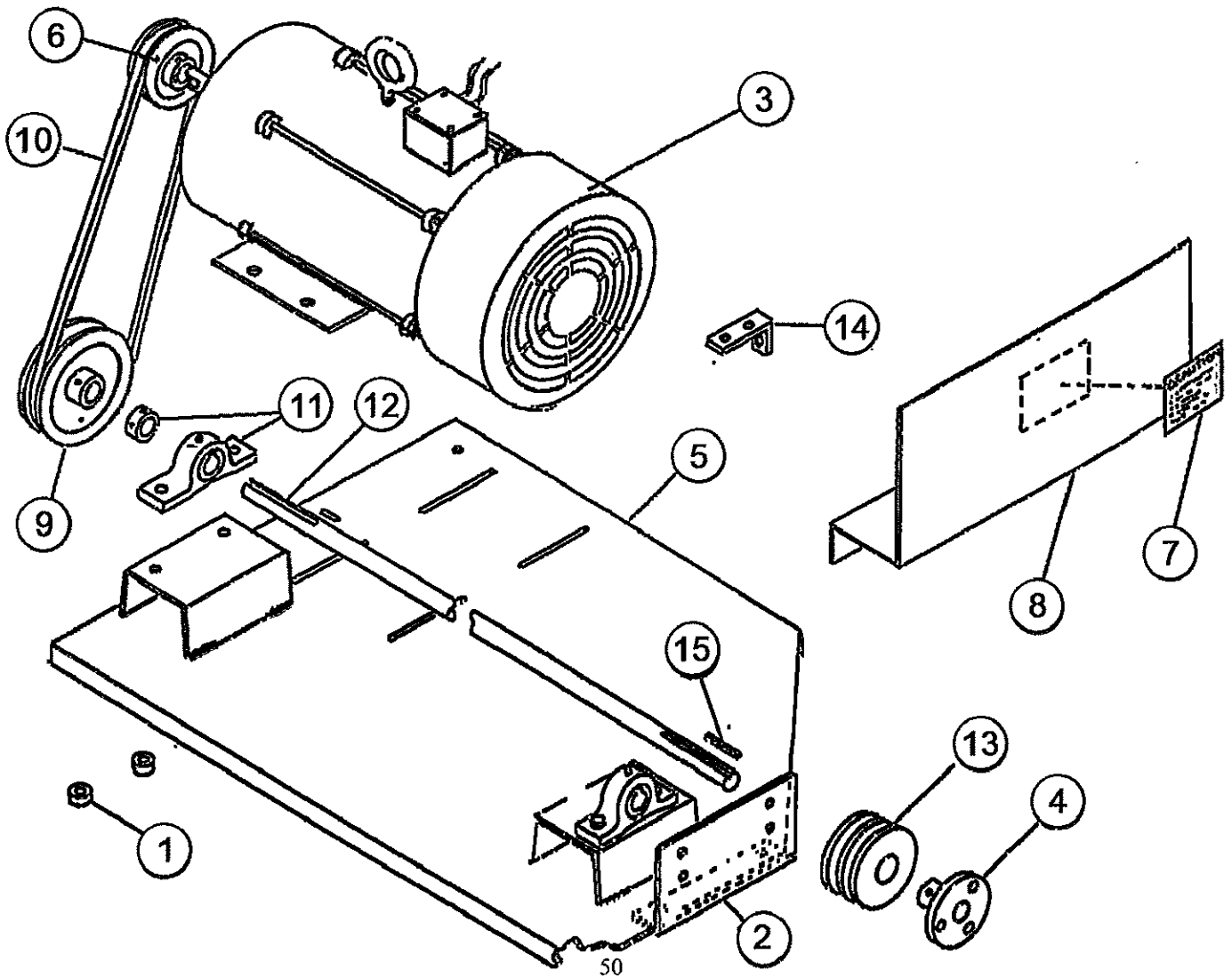


Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	475044	1	DISCHARGE SUMP BODY WELD	22	1206801	1	MNTG CLIP - LEVEL SWITCH
2	475071	1	SUMP TROUGH	23	1282937	1	U.A. BULB MOUNT
3	475053	4	SUMP TIE BOLTS	24	0016004	2	1 1/4" BRG.FLANGETTE Z-P
4	475891	1	DISCHARGE AUGER WELD - 103"	25	0016003	1	BEARING 1 1/4 W/ LK COLLAR 10 FT TOWERSWEEP ARM HUB WELD- MENT
5	439779	1	HOPPER ATTACH ANGLE KS M	26	821633	1	FINGER SWEEP ARM AGITATOR
6	476147	1	DISCH AUGER TUBE ASSY-FIN SENSOR	27	821364	1	SWEEP ARM AGITATOR*
	*476091	1	DISCH AUGER TUBE WDMT-W/SENSOR	28	446360	2	SWEEP FIN TAIL BRKT .10'
7	1242884	1	DISCHARGE OVER LOAD DOOR	29	475439	1	SWEEP ARM WELDMENT
8	441966	1	SPRING V18C	30	833278	2	SWEEP ARM FINGER-METAL
9	444601	1	BELT TIGHTENER WELDMENT	31	441965	2	CLEANER-SWEEP 1/4" X 2" X 7" TEFL
10	830017	1	SHAFT-DRIVE 1" X 6-3/4" ME	32	475069	1	AUGER STUB SHAFT GUARD#1283011
11	475887	2	2/3V/6.5 SDS DRV PULLEY	33	475468	1	UNLOAD AUGER OUTPUT SHAFT
12	1216246	1	1 1/4" SDS BUSHING-MC #475074	34	1285051	1	LEVEL AUGER FRONT SHAFT
13	837739	1	BUSHING-SDS X 1" OD	35	1206800	1	LEVELSWITCH (BACK DOOR SFTY)
14	833318	1	PULLEY-IDLER FAFNIR010-1	36	1284896	1	U.A. SHUT-OFF SWITCH COVER
15	837356	1	V-BELT 2/3VX560BATCH & S	37	476017	6	BASE LEG EXTENSION WELD - 53"
16	1280421	1	10" U.A. DISCHARGE BOX 2004	38	1228254	1	1/4 X 7/8 WOODRUFF KEY
17	821372	1	BEARING-FB110 X 1" FLANGE	39	0015120	3	KEY 1/4" X 1 1/2
18	820026	1	JOINT, UNIVERSAL	40	475140	-	GEARBOX SHIM
19	475886	1	GEAR BOX 50:1 ASSEMBLED	41	836424	1	DECAL-DANGER DISCH AUGER
20	475522	1	SWEEP ARM BRACE		476275	2	1'- SWEEP ARM LINER (not shown)
21	834683	2	ARM LONG FOR 10' M005				

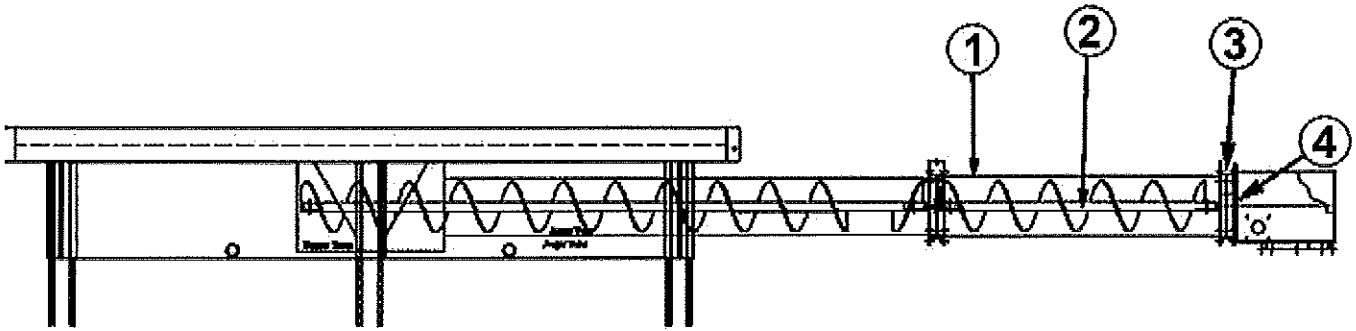
* New P/N for Dryer Models starting with S/N 59112

DISCHARGE SYSTEM 5HP (AC) MOTOR DRIVE AND MOUNT

Ref.	Part No	Qty.	Description
1	475250	3	SPACER, MOTOR MOUNT
2	441969	1	SWEEP MOTOR ATTAC PLATE
3	1287036	1	5HP MOTOR 230/460V TEFC EPACT
4	475236	1	1" JA BUSHING
5	475240	1	AC MOTOR PLATE WELDMENT
6	1286238	1	3 1/4OD X 1 1/8BR PULLEY
7	475272	1	CAUTION SAFETY DECAL
8	475244	1	BELT GUARD
9	475234	1	1B 6.5ODX 1" BORE PULLEY
10	475237	1	B-32 BELT
11	1276000	2	1" PB BEARING
12	475241	1	1" DC MOTOR JACK SHAFT
13	837357	1	2/3V/2.65 SHEAVE
14	476313	1	BELT TENSION ADJUST BRKT
15	0015120	2	KEY 1/4 X 1 1/2

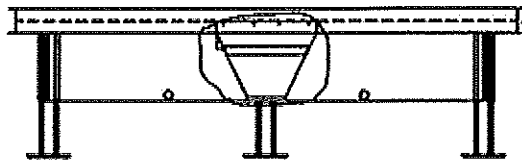
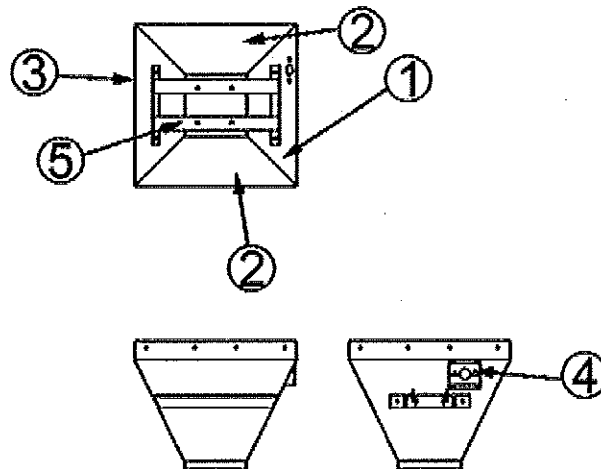


4 FT AUGER EXTENSION ASSEMBLY



Ref.	Part No	Qty.	Description
1	475837	1	AUGER TUBE EXTENSION WELDMENT 4FT
2	475842	1	DISCHARGE AUGER EXT WELD 48 1/4"
3	475840	1	ANGLE RING AUGER SUPPORT ASSEMBLY
4	1285050	1	LEVEL AUGER SHAFT CENTER
	1282687	2	GRAIN CLEANER LEGS-FIELD CUT (Not Shown)
	475846	1	AUGER EXT HARDWARE KIT 4FT (Not Shown)
	1286021	1	1 1/4" L.A. WOOD BRG 2 HLVS=1

CENTER DUMP ASSEMBLY (OPTIONAL)

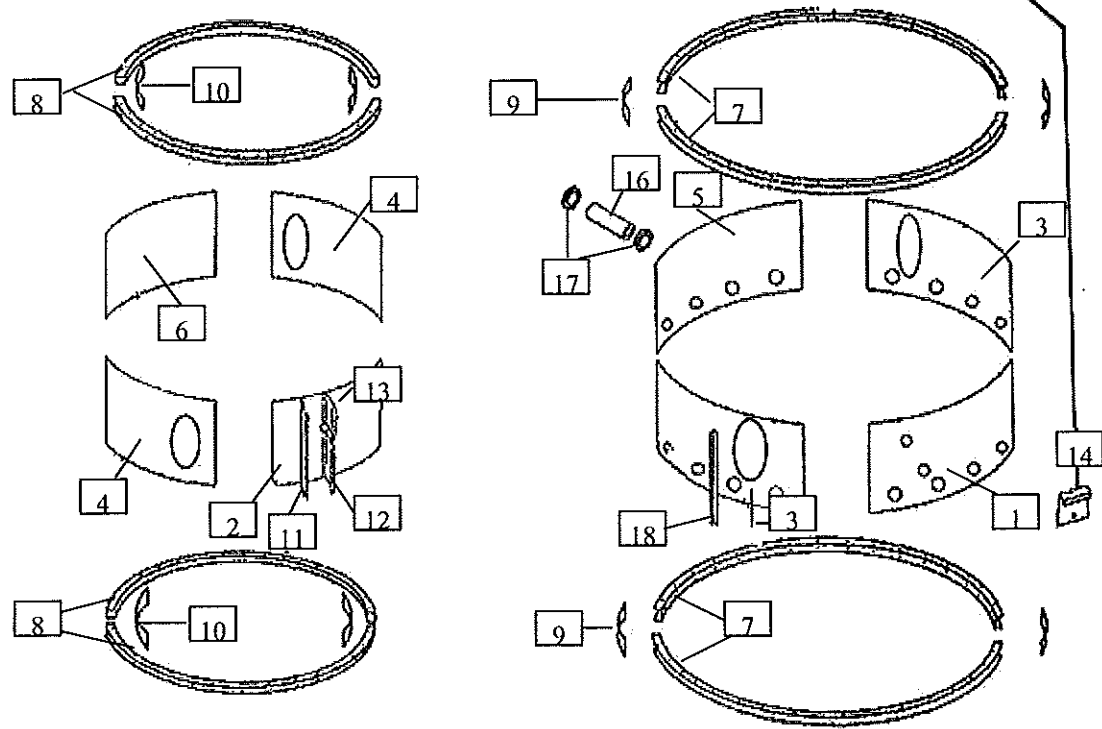
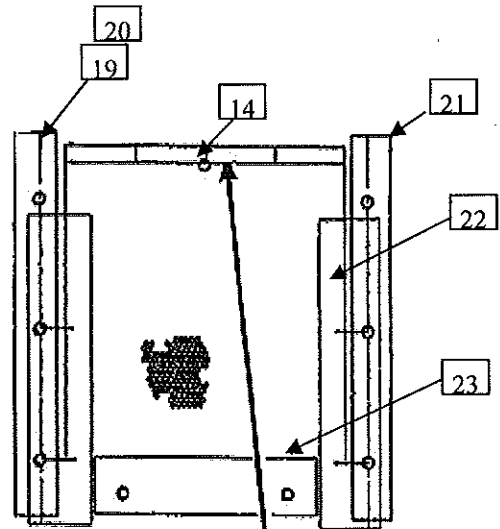


Ref.	Part No	Qty.	Description
1	475901	1	CENTER DUMP PANEL (FRONT)
2	475902	2	CENTER DUMP PANEL (RT & LT)
3	475903	1	CENTER DUMP PANEL (REAR)
4	475921	1	CENTER DUMP BEARING MOUNT PLATE
5	475907	1	CENTER DUMP ANGLE WELDMENT
	475922	1	CENTER DUMP GRAIN DEFLECTOR (Not Shown)
	1286101*	1	2/3V425 V-BELT (Not Shown)

COOLING SECTION (10520-10840)

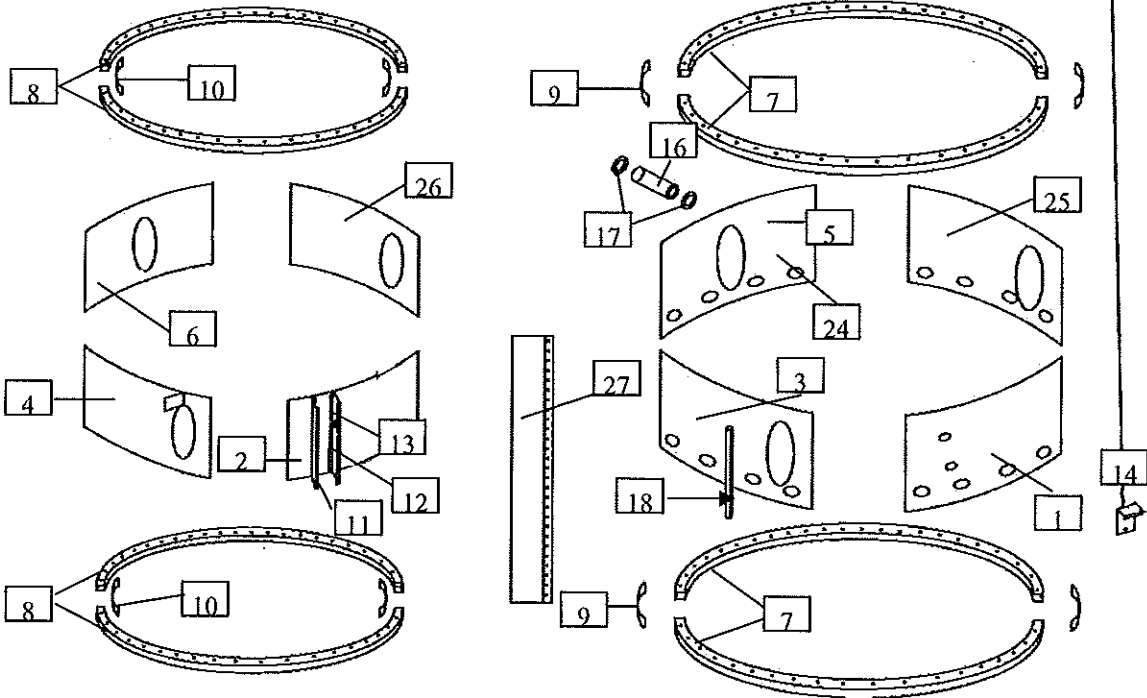
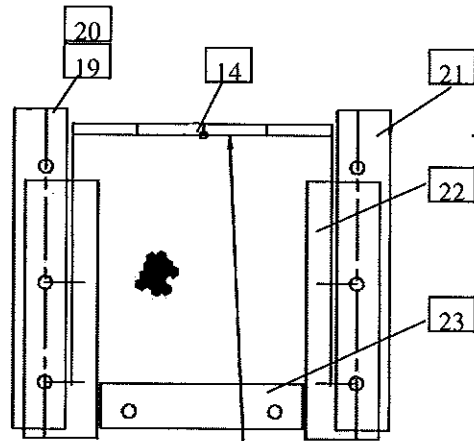
10 ft. (3m.) Diameter

Ref. Part No.	Qty.	Description
1	475683	1 4FT OUTER ALUM UTILITY SCREEN
	475024	1 4' OUTER SS PERF CONTL BOX
2	476203	1 4' INNER PERF CONTROL BOX-RAPE
3	476145	2 4FT OUTER ALUM SCREEN DOOR
	476141	2 4' OUTER DOOR SCREEN SS RT
4	834552	2 48" INNER CRAWL DOOR PERF RAPE
5	475685	1 4FT OUTER ALUM SCREEN
	475022	1 4' OUTER SS PERF SHEET 10'
6	834551	1 48" 10' INNER PERF SHEET GALV RAPE
7	438761	4 OUTSIDE CHANNEL RING
8	438760	6 10' INSIDE CHANNEL RING
9	438649	4 TAB OUTER RING BOLTING
10	833353	4 TAB INNER RING BOLTING
11	834589	16 PARTITION 48:00" STD.
12	834600	1 PARTITION LONG BOTTM,PVC
13	834599	1 PARTITION SHORT TOP,PVC
14	475644	16 QUICK DRAIN DOORS-2001
15	833194	2 STEP, COOLING CHAMBER M0 (Not Shown)
16	438912	2 TUBE ENTRANCE
17	438913	4 4"ID X 3/4" PVC COLLAR M "
18	834718	13 BRACE, ANGLE M010
19	475634	12 QUICK DUMP SCREEN STIFF-LEFT
20	475384	4 QUICK DUMP SCREEN STIFF LEFT
21	475635	16 QUICK DUMP SCREEN STIFF - RIGHT
22	475636	32 QUICK DUMP DOOR RETAINER
23	475320	32 RING FLANGE SUPPORT (Not Shown)
24	476281	8 CHANNEL RING SPLICE COVER 10' (Not Shown)

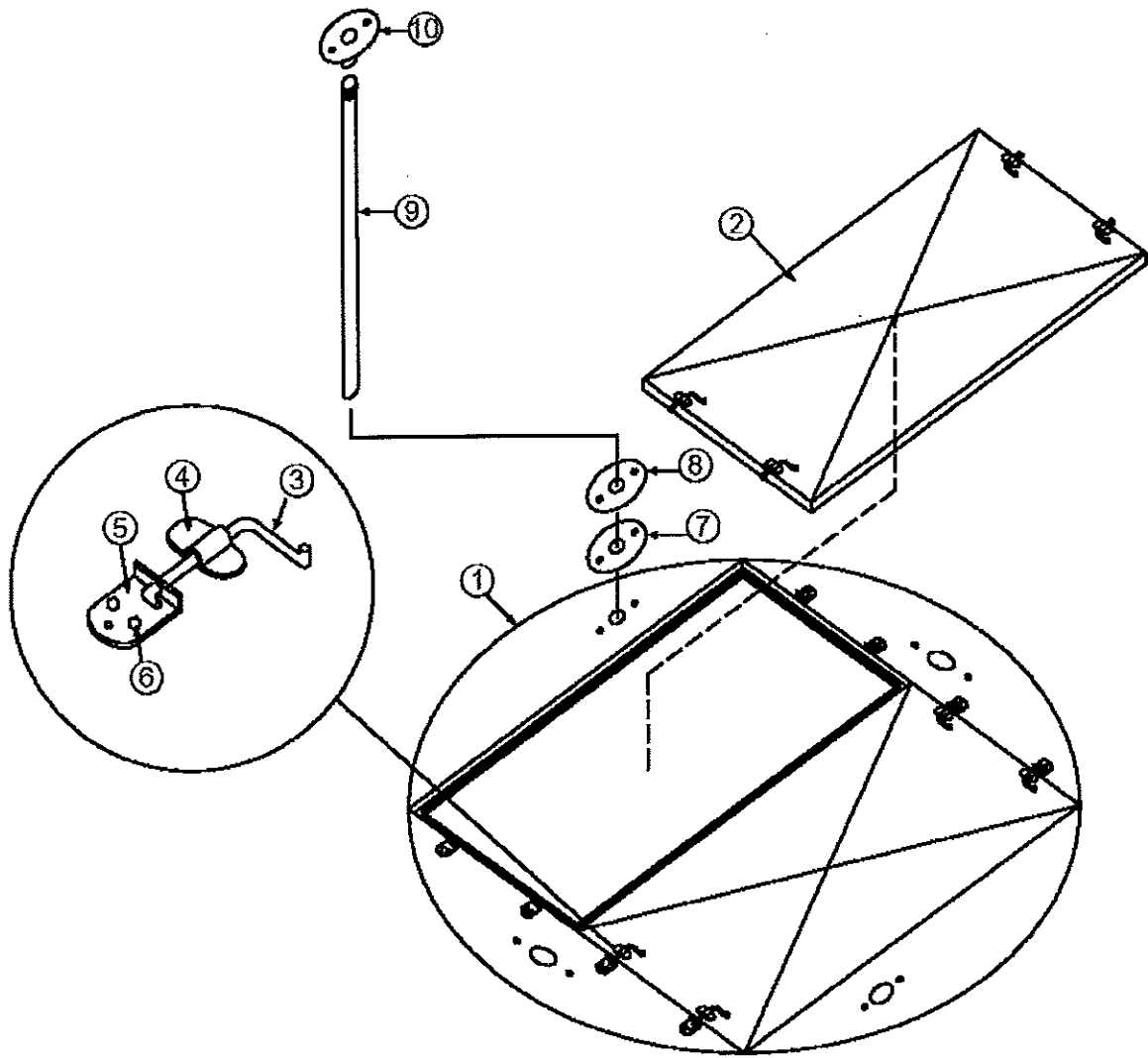


COOLING SECTION (101050-101275)

Ref. Part No.	Qty.	Description
1	475662	1 4' OUTER ALUM UTILITY SCN
	475660	1 4' OUTER SS PERF CONTL BOX
2	476197	1 4' INNER PERF CONTROL BOX 101050
3	476145	2 4' OUTER ALUM SCREEN DOOR
	476141	2 4' OUTER DOOR SCREEN SS RT
4	834552	2 48" INNER CRAWL DOOR PERF RAPE
5	475320	1 RING FLANGE SUPPORT
6	834555	1 48" INNER GALV DOOR PERF RAPE
7	438761	4 OUTSIDE CHANNEL RING
8	438760	6 10' INSIDE CHANNEL RING
9	438649	4 TAB OUTER RING BOLTING
10	833353	4 TAB INNER RING BOLTING
11	834589	16 PARTITION 48.00" STD.
12	834600	1 PARTITION LONG BOTTM,PVC
13	834599	1 PARTITION SHORT TOP,PVC
14	475644	16 QUICK DRAIN DOORS-2001
15	833194	2 STEP, COOLING CHAMBER M0 (Not Shown)
16	438912	1 TUBE ENTRANCE
17	438913	4 4ID X 3/4" PVC COLLAR M "
18	475447	12 OUTER SCRN SUPPORT ANGLE
19	475634	12 QUICK DUMP SCREEN STIFF-LEFT
20	475384	4 QUICK DUMP SCREEN STIFF LEFT
21	475635	16 QUICK DUMP SCREEN STIFF - RIGHT
22	475636	32 QUICK DUMP DOOR RETAINER
23	475637	16 DOOR RETAINER SHORT
24	476143	1 4' OUTER ALUM SCREEN DOOR
	476146	1 4' OUTER DOOR SCREEN SS CENTER
25	476142	1 4' OUTER ALUM SCREEN DOOR
	476144	1 4' OUTER SCREEN SS LT
26	834556	1 48" INNER GALV DOOR PERF RAPE
27	475448	12 OUTER STIFFENER ARM (FIELD INSTALLED)



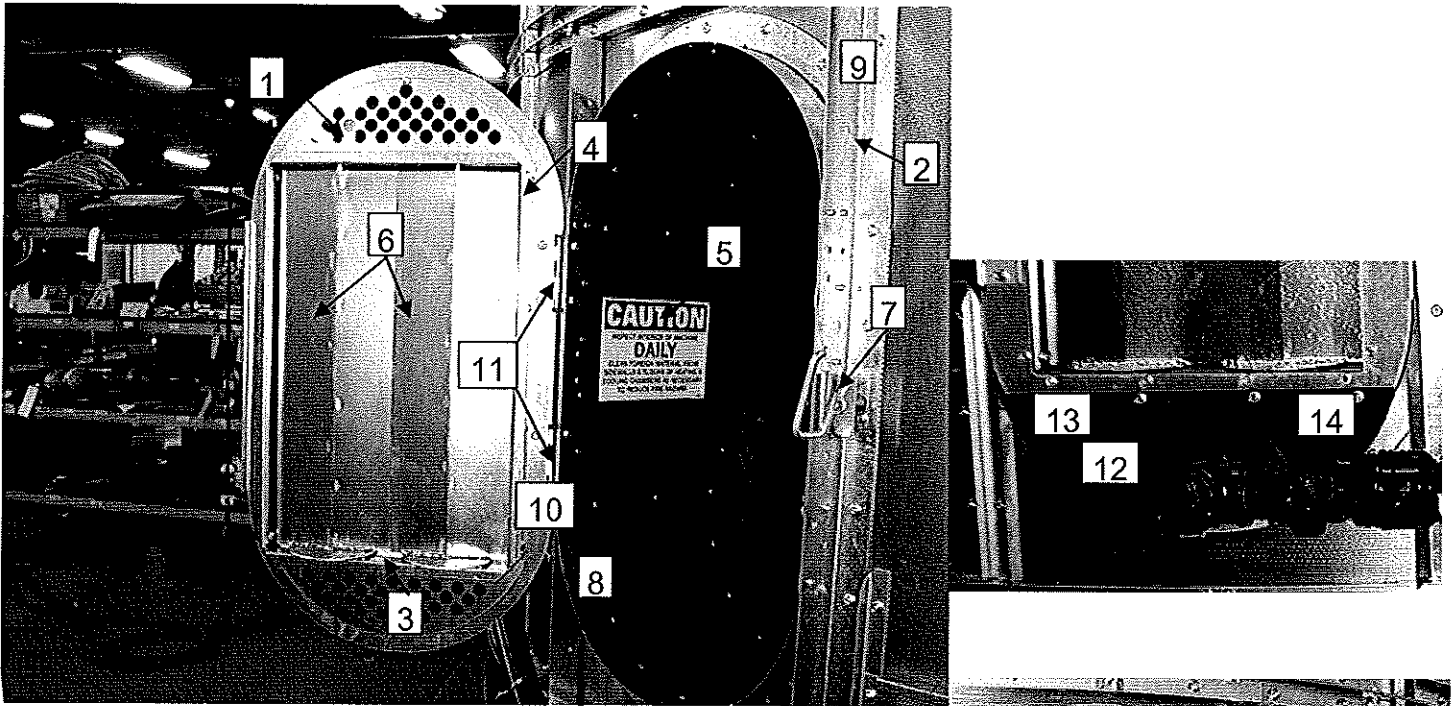
COOLING FLOOR



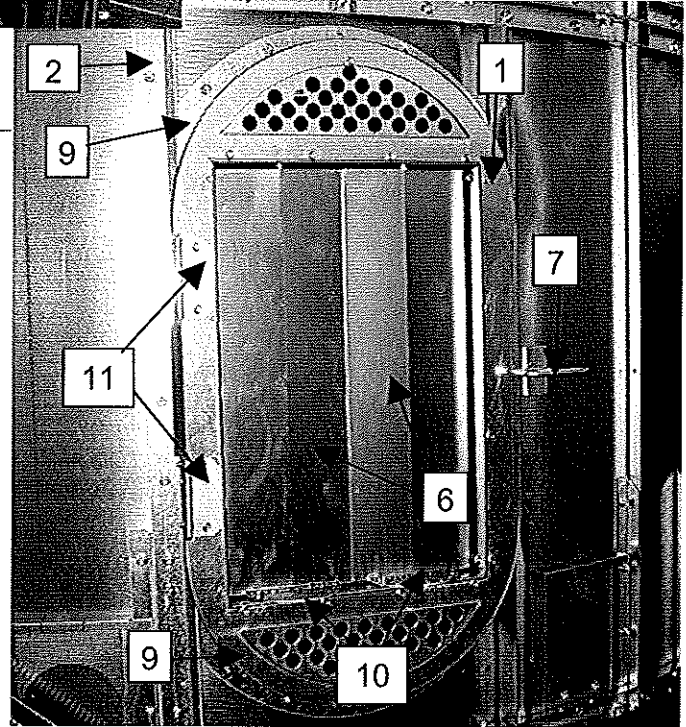
Ref.	Part No.	Qty.	Description
1	475960	2	10' TOWER COOLING FLOOR PANEL-A
2	475961	2	10' TOWER COOLING FLOOR PANEL-C
3	438709	8	HANDLE PART NO 1 OF GATE
4	438710	8	BEARING LATCH PLATE
	438711	8	PLATE-BEARING FOR GATE L
5	438712	8	LATCH SIDE PLATE
6	0018202	70	5/16-18 x 3/4" HWH GR5 ZP "
7	475108	4	CLEAN-OUT PIPE GASKET
8	475109	4	CLEAN-OUT FLOOR SEAL
9	475380	4	CLEAN-OUT PIPE 1 1/4"X61.1/2"LONG (10520 & 10630)
	475969	4	CLEAN-OUT PIPE 1 1/4"X70-11/16" (10730 & 10840)
	476052	4	CLEAN-OUT PIPE 1 1/4"X 105"LONG (101275)
	475621	4	CLEAN-OUT PIPE 1 1/4"X88 3/4" LONG (101050)
10	475107	8	FLOOR FLANGE 1 1/4"
	475962	1	10' TOWER COOLING FLOOR JAM (Not Shown)
	476119	6	SEAL PLATE (AROUND DOOR) (Not Shown)

CRAWL DOOR

For Dryer Models Built Prior to S/N 59112

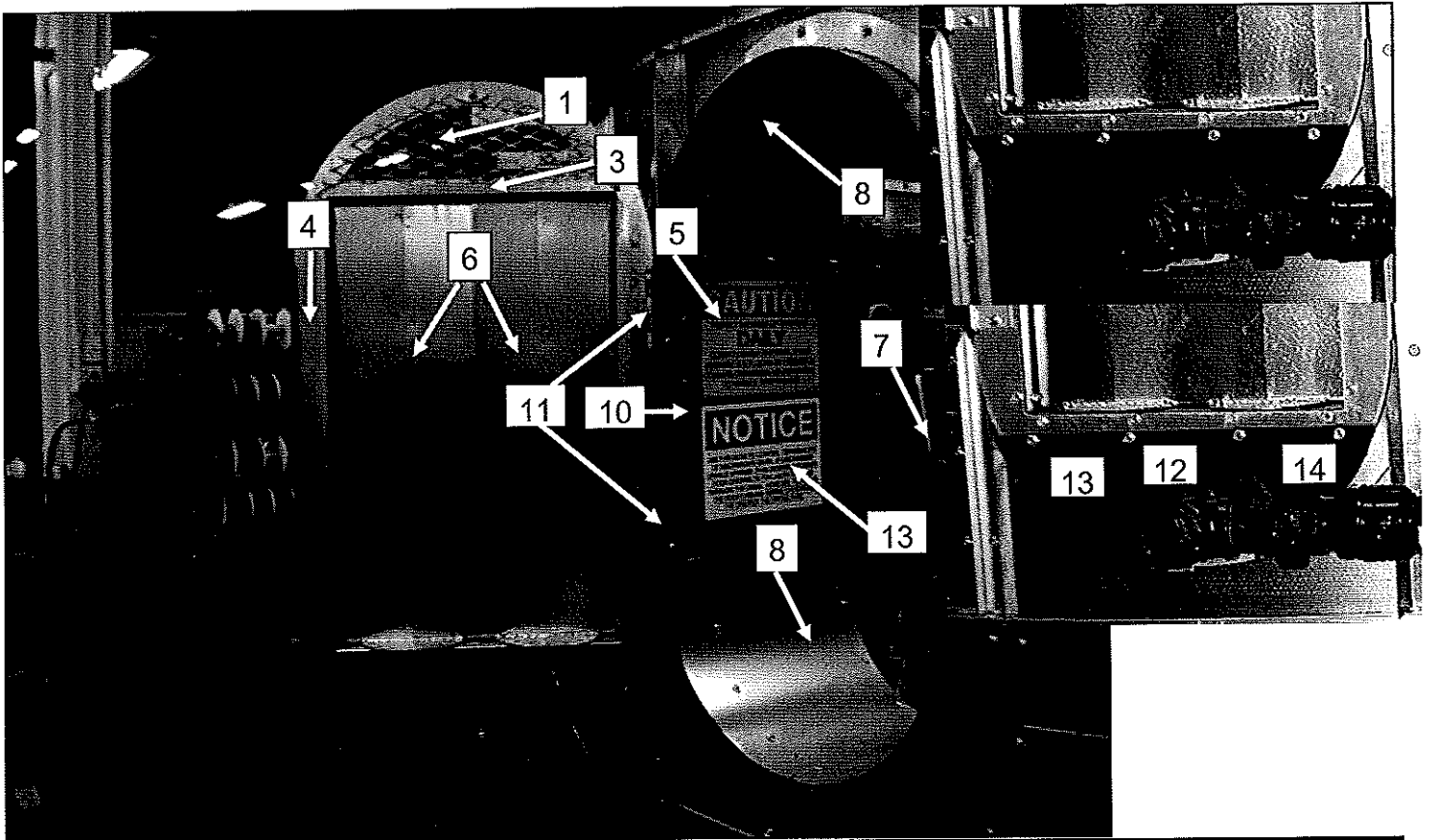


Ref. Part No.	Qty.	Description
1	476152	1 10FT DOOR PANEL W/LOUVER CUT-OUT
2	476153	2 10' VENT SIDE FRAME ANGLE
3	476165	2 LOUVER FRAME TOP/BOTTOM
4	476166	2 LOUVER FRAME SIDE
5	836425	1 DECAL-CLEAN MACHINE DA
6	476161	2 LOUVER BLADE WELDMENT
7	4901091	1 12'-18' DOOR LATCH ASSY
8	475956	2 10' COOLING DOOR FRAME TOP/BOT
9	475957	4 10' DOOR FRAME SEAL-TOP/BOT
10	476151	2 10' VENT SIDE PANEL
11	4904939	2 DOOR HINGE
12	476170	1 10FT DOOR PANEL GAS INLET CUT-OUT
13	476208	1 10 FT. DOOR PANEL RUBBER ATCH. LP
14	476171	1 10 FT. DOOR PANEL RUBBER ATCH. NG

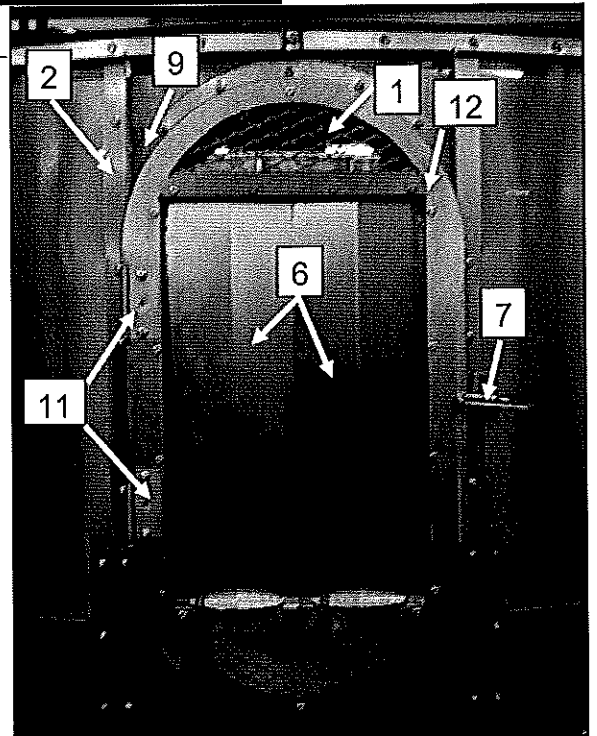


CRAWL DOOR

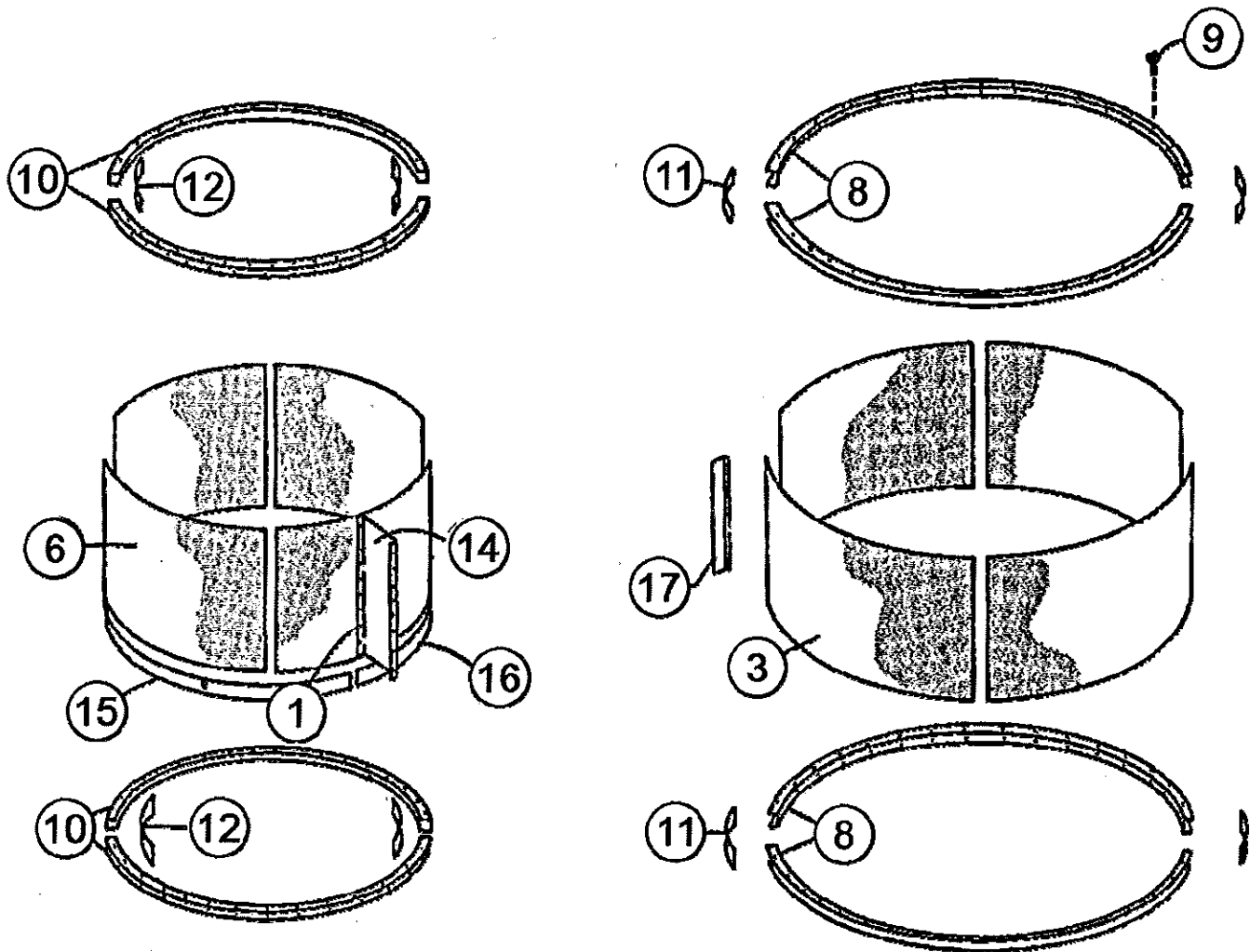
For Dryer Models starting with S/N 59112



Ref. Part No.	Qty.	Description	
1	476289	2	10FT EXPANDED METAL DOOR PANEL
2	476153	2	10' VENT SIDE FRAME ANGLE
3	476165	2	LOUVER FRAME TOP/BOTTOM
4	476166	2	LOUVER FRAME SIDE
5	836425	1	DECAL-CLEAN MACHINE DA
6	476161	2	LOUVER BLADE WELDMENT
7	4901091	1	12'-18' DOOR LATCH ASSY
8	475956	2	10' COOLING DOOR FRAME TOP/BOT
9	475957	4	10' DOOR FRAME SEAL-TOP/BOT
10	476151	2	10' VENT SIDE PANEL
11	4904939	2	DOOR HINGE
12	476170	1	10FT DOOR PANEL GAS INLET CUT-OUT
13	476208	1	10 FT. DOOR PANEL RUBBER TCH. LP
14	476171	1	10 FT. DOOR PANEL RUBBER ATCH. NG



HEAT SECTION - ALL MODELS 10 ft. (3m.) Diameter



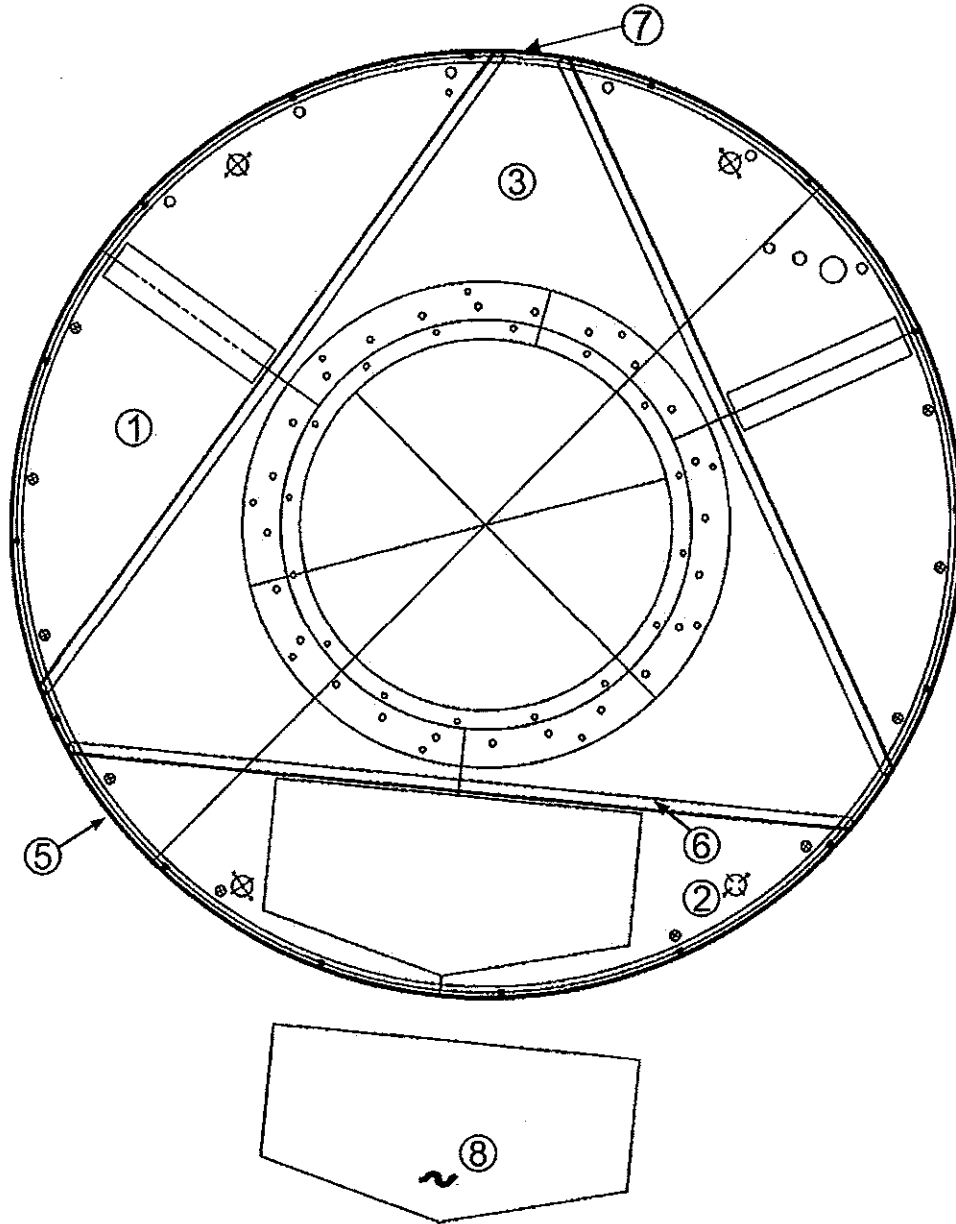
Ref.	Part No.	Qty.	Description
1	834065	288	1/4 x 1/2 (6.35 x 12.7mm.) POP RIVET
2*	834133	144	1/4 x 9/16" POP RIVET
3	475440	4	4' OUTER ALUM SCREEN
	444762	1	4 FT. OUTER PERF SHEET SS 10
4*	0008307	100	5/16-18 x 3/4" (7.9 x 19mm.) TRUSSHEAD 18-8 SS
5*	0008308	76	5/16-18 x 1/2" (7.9 x 12.7mm.) TRUSSHEAD 18-8 SS
6	834531	4	10' INNER PERF SHEET GALV
	834551		10' INNER PERF SHEET GALV RAPE
7*	0008304	304	5/16-18 (7.9mm.) FLNG WHZ LKNT 18-8 SS
8	438761	4	Outside Channel Ring
9	0008306	128	5/16-18 x 3/4" HWHD 18-8 SS
10	438760	4	10' INSIDE CHANNEL RING
11	438649	4	TAB OUTER RING BOLTING
12	833353	4	TAB INNER RING BOLTING
14	834589	16	PARTITION 48.00" (1.22m) STD
15**	475104	2	HEAT DIFFUSION PANEL LG
16**	475105	2	HEAT DIFFUSION PANEL SHT
17***	475447	10	OUTER SCRN SUPPORT ANGLE

*Items Not Shown

**Models 101050 & 101275 Only

***Used on Base Section and First Heat Section Only

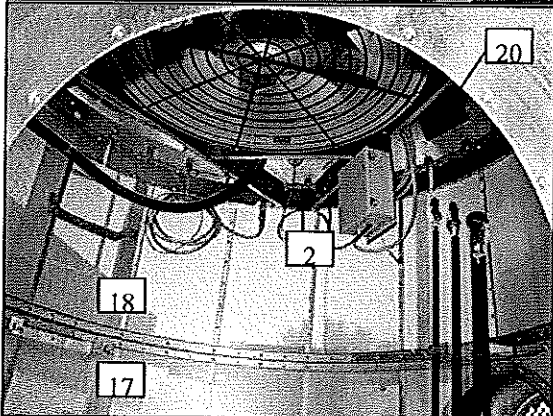
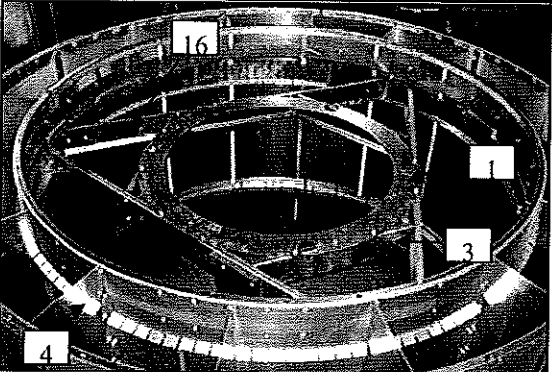
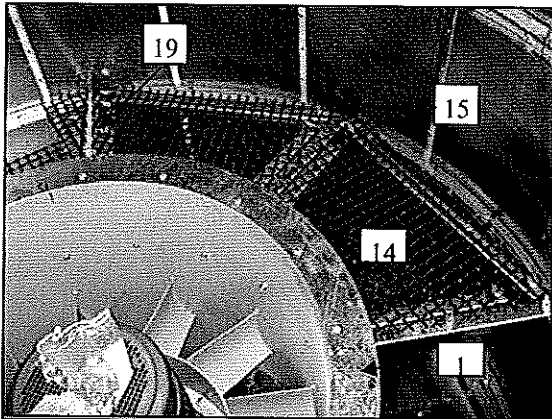
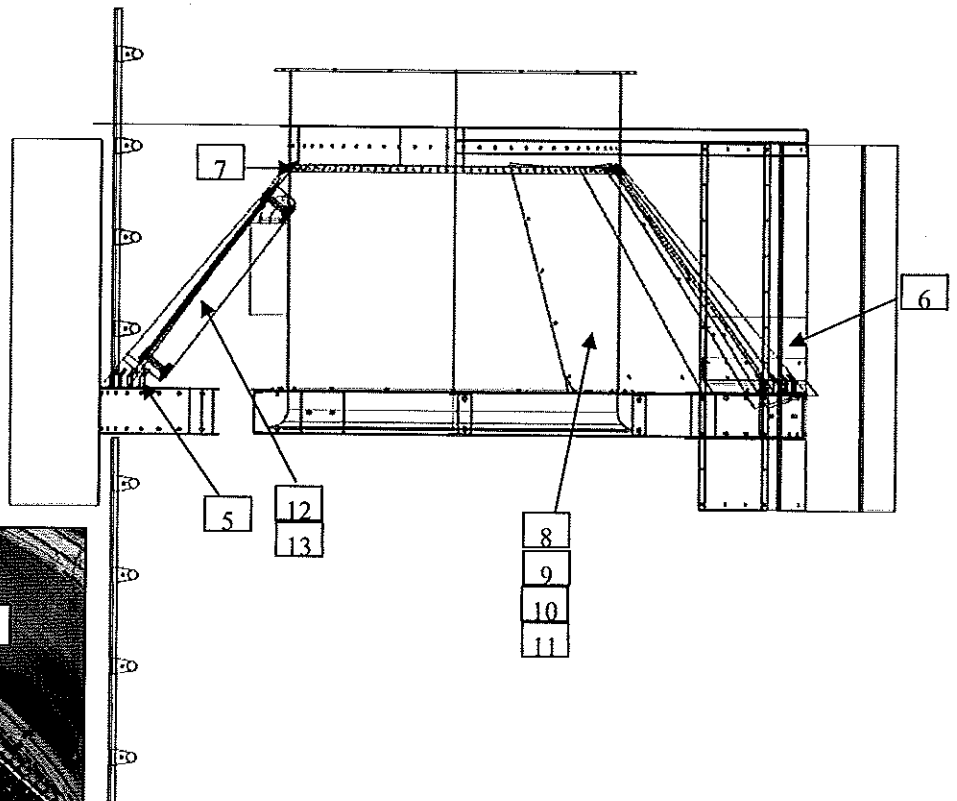
10 FT. HEAT CHAMBER FLOOR



Ref.	Part No.	Qty.	Description
1	475626	1	HEATING FLOOR DOOR RIGHT (10520-10730)
	475917	1	HEATING FLOOR DR RIGHT-101050/101275 (10840-101275)
2	475627	1	HEATING FLOOR DOOR LEFT (10520-10730)
	475918	1	HEAT FLOOR DR LEFT 101050/101275 (10840-101275)
3	475628	1	HEATING FLOOR FULL SECTION (10520-10730)
	475919	1	HEAT FLOOR FULL SEC-101050/101275 (10840-101275)
5	475476	4	ROLLED FLOOR SUPPORT CHANEL
6	475477	3	FLOOR BRACE TRIANGLE
7	475487	3	FLOOR SUPPORT CHANNEL BR
8	475520	1	TOWER PLENUM DOOR ASSY

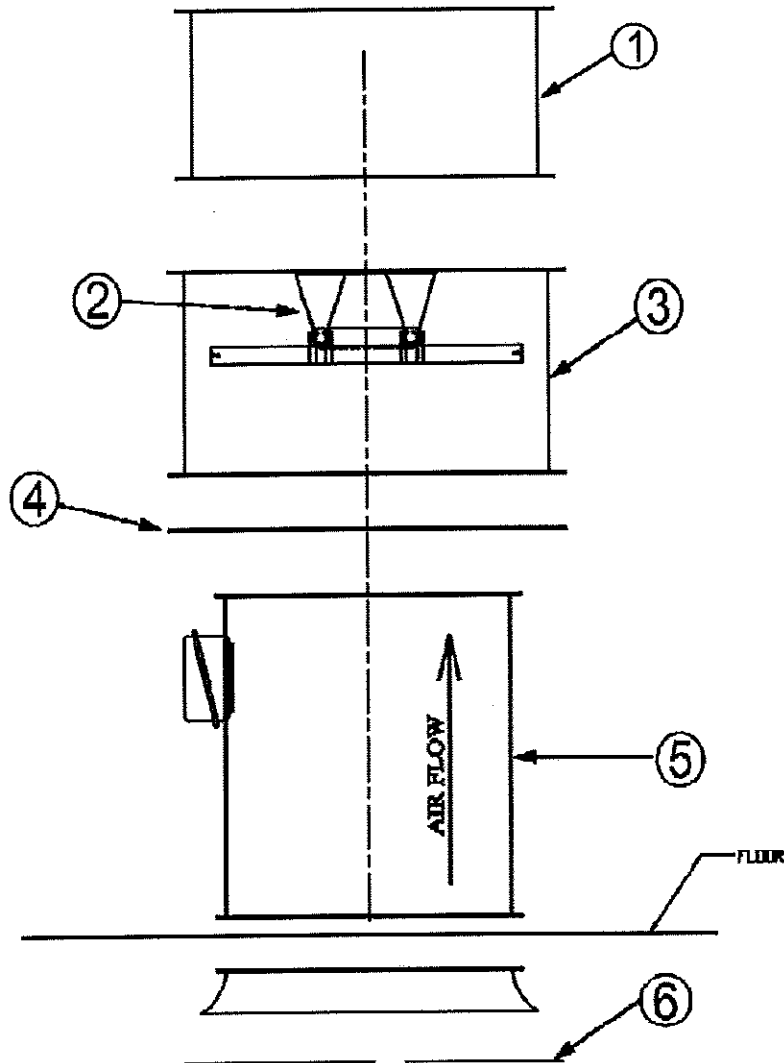
10 FT. HEAT CHAMBER SLOPE FLOOR

For Dryer Models Starting with S/N 59112



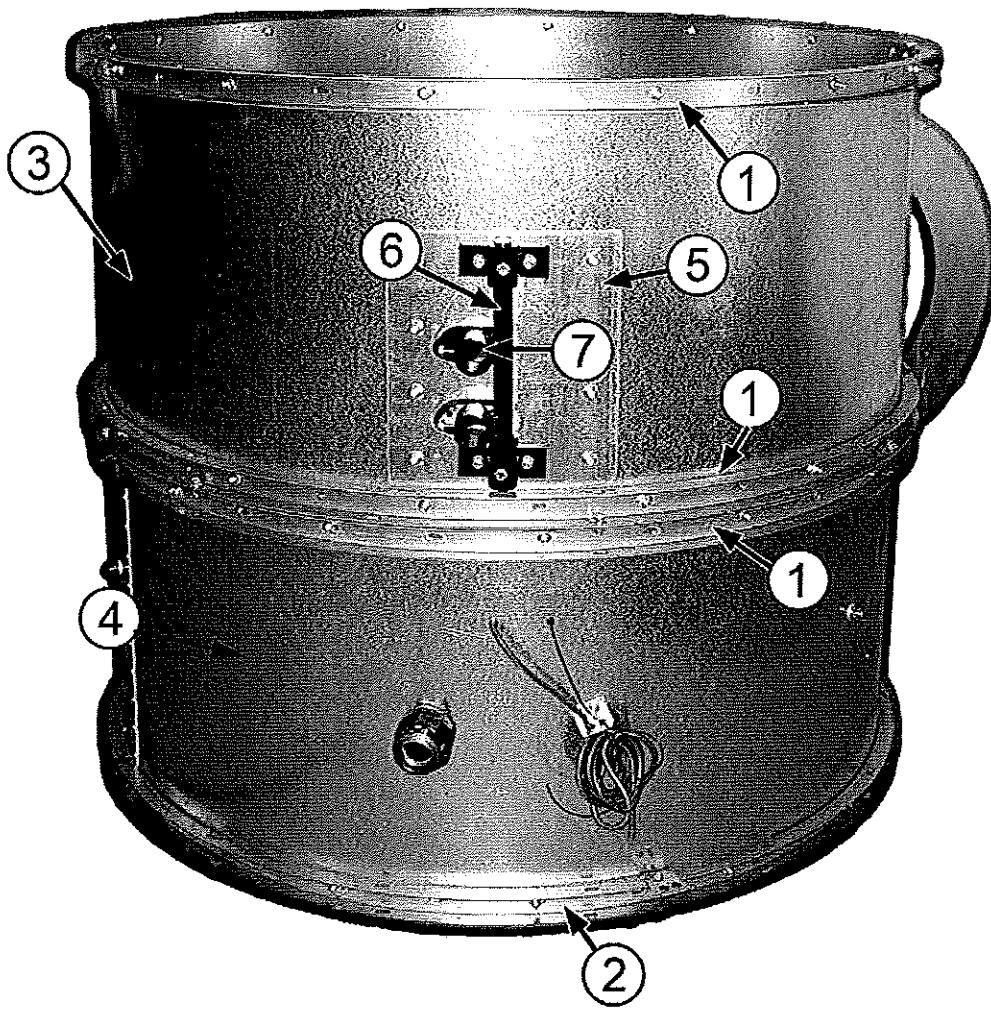
Ref	Part No.	Qty.	Description
1	476222	2	FAN MOUNTING RING-43" FAN HOUSING
2	476223	3	FLOOR SUPPORT CHANNEL BRACE
3	476224	3	FAN HOUSING CROSS BRACE
4	476225	4	GRAIN DEFLECTOR RING
5	476226	32	SLOPE FLOOR SUPPORT BRACKET
6	476227	4	DIFFUSER RING
7	476228	2	SLOPE FLOOR MOUNTING RING 43" FAN H
8	476229	5	SLOPE HEAT FLOOR 43" FAN HOUSING-ST
9	476230	1	SLOPE HEAT FLOOR 43" FAN HOUSING-DO
10	476231	1	SLOPE HEAT FLOOR 43" FAN HOUSING-EL
11	476232	1	SLOPE HEAT FLOOR 43" FAN HOUSING-BP
12	476240	1	SLOPE FLOOR HEAT DOOR
13	476241	2	LATCH CATCH MOUNT
14	476242	7	FLOOR GRATING-43" FAN HOUSING
15	476243	8	FLOOR BRACE-43" FAN HOUSING
16	476248	3	FLOOR BRACE, TRIANGLE
17	476251	4	INNER PERF. LOWER HEAT SECTION-B (10840)
	476253	4	INNER PERF. LOWER HEAT SECTION-C (101050)
	476300	4	INNER PERF. LOWER HEAT SECTION-A (101275)
18	476252	4	INNER PERF. UPPER HEAT SECTION-B (10840)
	476301	4	INNER PERF. UPPER HEAT SECTION-A (101275)
19	476306	8	FLOOR RETAINING BAR
20	4902075	1	SILICONE RUBBER SHEET 12 X 12

FAN AND BURNER LAYOUT



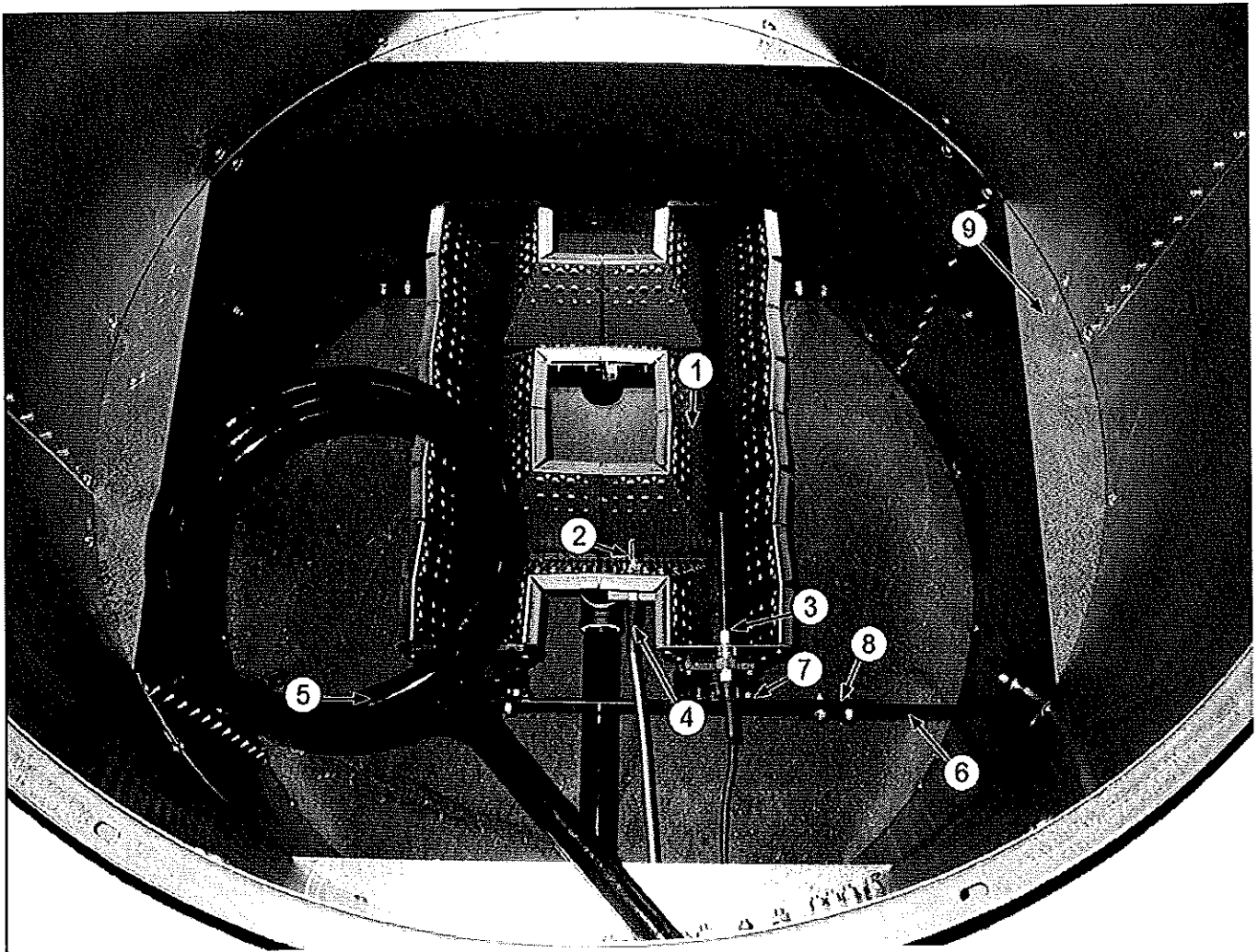
Ref.	Part No	Qty.	Description
1	475641	3	BURNER CYLINDER (10520-10730)
	475642	2	101050 BURNER CYLINDER (10840-101050)
	476060	3	101275 BURNER CYLINDER (101275)
2	1288707	1	8MBTU MAX DOUBLE "H" BURNER (10520-101275)
3	475874	1	VAPORIZER CYLINDER 10520-730
	475875	1	VAPORIZER CYLINDER 101050
	476062	1	VAPORIZER CYLINDER 101275
4	475910	1	TRANSITION RING 10520-730
	475916	1	MAXON-TWIN CITY FAN TRANSITION RING
	476069	1	MAXON-TWIN CITY FAN TRANSITION RING
5	475652	1	20HP VARIABLE PITCH FAN & HOUSING (10520)
	475653	1	30HP VARIABLE PITCH FAN & HOUSING (10630)
	475654	1	30HP VARIABLE PITCH FAN & HOUSING (10730)
	475899	1	40HP VARIABLE PITCH FAN HOUSING (10840)
	475651	1	50HP VARIABLE PITCH FAN (101050)
	475872	1	75HP VARIABLE PITCH FAN & HOUSING
6	475782	2	10520-10730 FAN GUARD HALF
	475780	2	48.5" FAN GUARD HALF (10840-101275 MODELS)

BURNER CYLINDER



Ref.	Part No	Qty.	Description
1	475755	8	10520-10730 BURNER RING
	475756	8	10840-101050 BURNER RING
2	475910	1	TRANSITION RING 10520-10730
	475916	1	MAXON-TWIN CITY FAN TRANSITION RING
	476069	1	MAXON-TWIN CITY FAN TRANSITION RING
3	475874	1	VAPORIZER CYLINDER 10520-730
	475875	1	VAPORIZER CYLINDER 101050
	476062	1	VAPORIZER CYLINDER 101275
4	475641	3	BURNER CYLINDER (10520-10730)
	475642	2	101050 BURNER CYLINDER
	476060	3	101275 BURNER CYLINDER
5	475856	1	VAPORIZER MOUNTING PANEL
6	475859	2	SHAFT TUBE WELDMENT
7	475863	1	PIVOT SHAFT WELDMENT
	47853	1	VAPORIZER 3-RING MAXON SCH. 80 X 1"

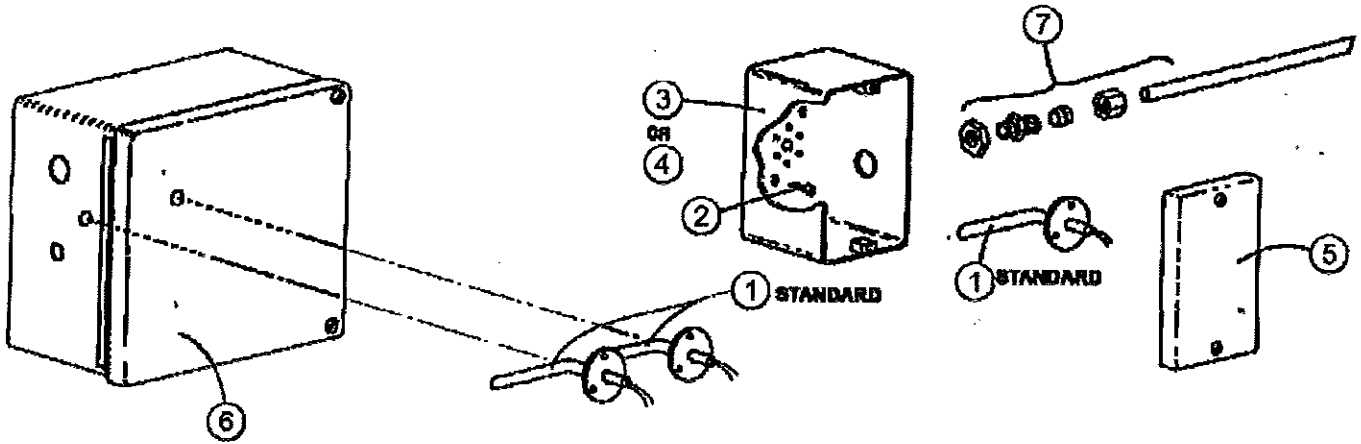
BURNER



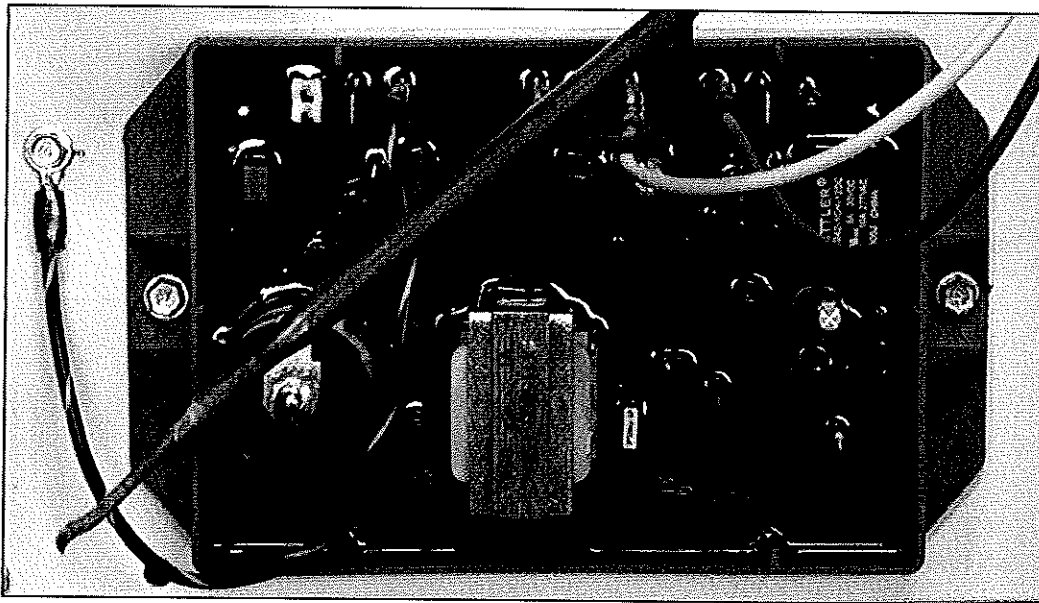
Ref.	Part No.	Qty.	Description
1	1288707	1	DOUBLE "H" BURNER-8MBTU MAX
2	1247000	1	MAXON SPARK PLUG
	1216879	9	RADIX-IGNITION WIRE (<i>Quantity per foot</i>)
3	1246872	1	FLAME SENSING PROBE
4	1286998	1	RUBBER BOOT
5	475853	1	VAPORIZER 3-RING MAXON SCH. 80X 1"
6	475814	4	MAXON MOUNTING BRACKET 3650
7	1283436	4	MOUNTING BRACKET PLATE
8	1283440	2	MOUNTING BRACKET BAR
	1283441	2	MOUNTING BAR 4' MAXON
9	475638	4	10520-10730 FAN PROFILE PLATE
	475658	4	101050 FAN PROFILE PLATE
	476061	4	101275 FAN PROFILE PLATE
10	1246935	9	#18FA BLK L0-VOLT SENSING WIRE(<i>Quantity per foot</i>)
	1285300	1	MAXON EDDY BAFFLE OUTER (Not Shown)
	475883	1	MAXON BURNER COVER (Not Shown)

THERMISTORS

Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	438700	8	THERMISTOR FENWAL	5	435507	6	THERMISTOR BOX COVER <i>Included with Thermistor Box</i>
2	0008184	24	8-18 x 1/2 PHIL PAN HD CP	6	475275	1	4-WAY THERM. BOX DRILLED
3	475195	5	BOX, THERMISTOR END 1 HOLE	7	475389	4	THERMISTOR LIQUATITE ASSY
4	475196	1	3-WAY THERMISTOR BOX				



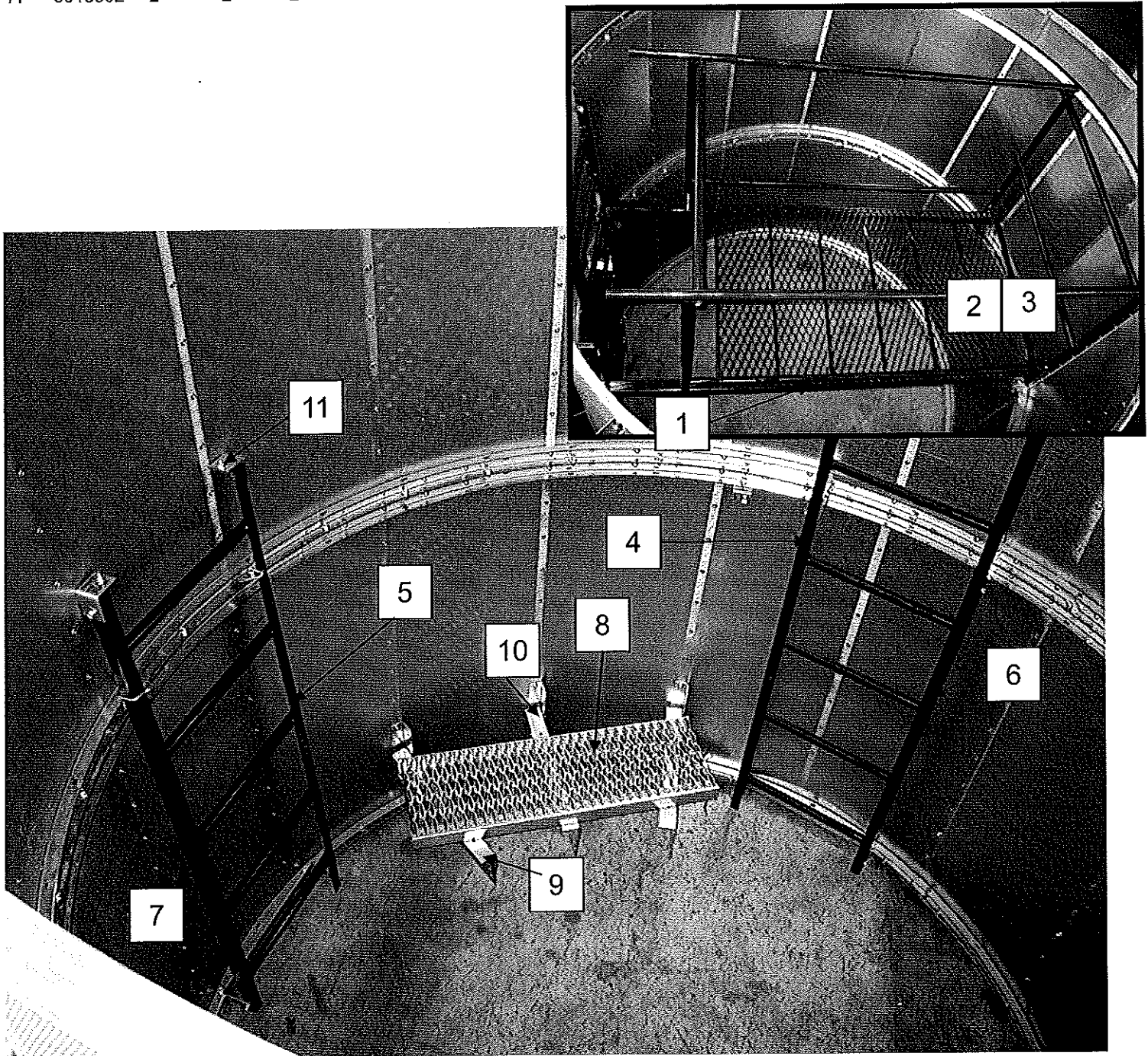
IGNITION BOARD



Part No	Qty.	Description
1256964	1	REMOTE IGN BRD '02 TOWER PARTS (15) SECOND PURGE - AUTO-RESET (10-SECOND IGNITION TRIAL)
1247000	1	MAXON SPARK PLUG (Not Shown)
1246872	1	FLAME SENSING PROBE (Not Shown)
1216813	AR	SQUEEZE FITTING #1 FOR IGN. WIRE
1216814	AR	FITTING #2 LOW VOLTAGE WIRE
1216879	AR	RADIX—IGNITION WIRE (Not Shown)
1246935	AR	#18GA BLK L0-VOLT SENSING WIRE (Not Shown)
1286994	1	IGNITION BOX 8"X8"X4"
1284690	1	IGNITION BRD MOUNT PLATE

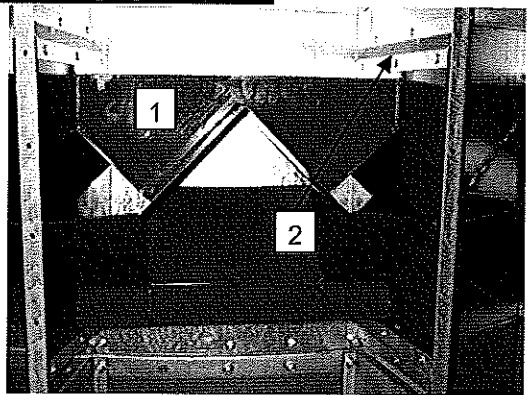
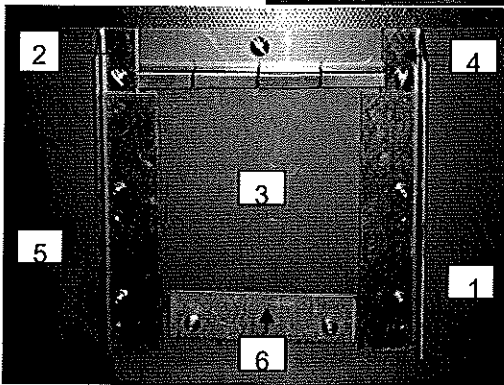
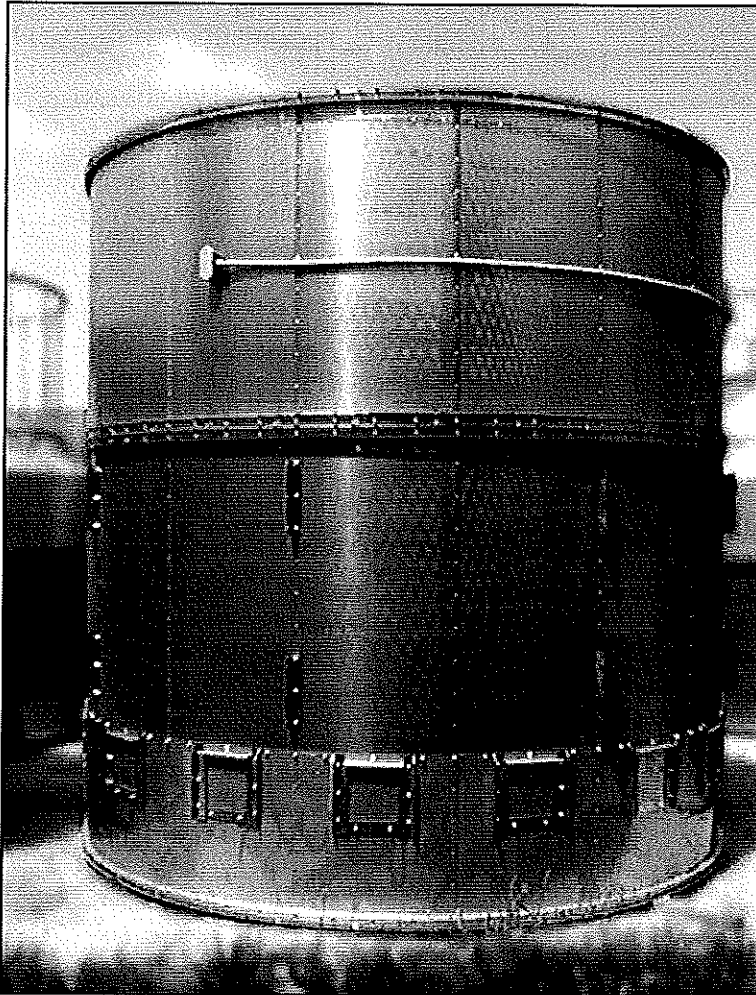
CLEAN-OUT WALKWAY & LADDER - 10 FT.

Ref.	Part No.	10520 Qty.	10630 Qty.	10730 Qty.	10840 Qty.	101050 Qty.	101275 Qty.	Description
1	475330	0	1	1	1	2	2	CLEANING WALKWAY WELD
2	475057	0	2	2	2	4	4	FLOOR SUPPORT GUSSET RT
3	475056	0	2	2	2	4	4	FLOOR SUPPORT GUSSET LT
4	475062	0	1	2	2	3	4	8' LADDER WELDMENT
5	1290005		1					LADDER WELD 5' SECTION
6	475343	0	4	4	6	6	10	LADDER MOUNTING BRACKET
7	475333	0	4	4	5	6	8	INSIDE LADDER BRACKET
8	1208701	1	1	1	1	1	1	INSIDE WALKWAY PLATFORM
9	475747	3	3	3	3	3	3	INNER WALKWAY SUPPORT
10	4903250	3	3	3	3	3	3	WALKWAY MOUNTING BRACKET
11	0013302	2	2	2	2	2	2	ANGLE CLIP UNIVERSAL



OPTIONAL GRAIN TURNER

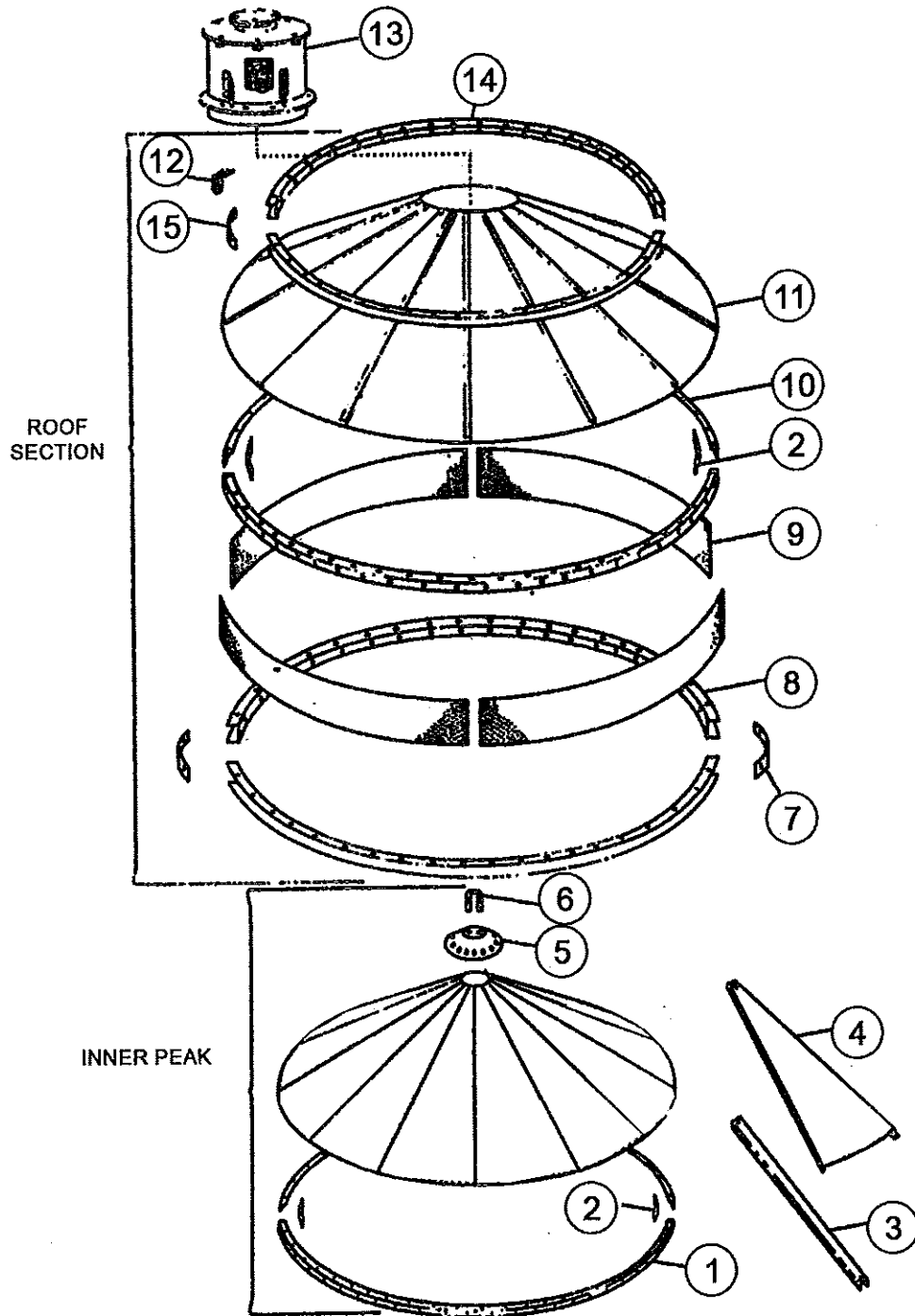
(10840, 101050, 101275 models only)



Ref Part No.	Qty.	Description
1	475589	4 2' KS GRAIN TURNER OUTER SOLID SHEET
2	475760	16 GRAIN TURNER DOOR STIFFENER LEFT
3	475761	16 GRAIN TURNER QUICK DUMP DOOR
4	475759	16 GRAIN TURNER DOOR STIFFENER RIGHT
5	475757	32 GRAIN TURNER DOOR RETAINER
6	475758	16 QUICK DUMP DOOR RETAINER-SHORT
—	475588	4 2' KS GRAIN TURNER INNER SOLID SHEET (Not Shown)
—	475587	16 6' GRAIN TURNER PARTITION (Not Shown)

Ref. Part No.	Qty.	Description
1	475596	16 10FT. GRAIN TURNER WELDMENT
2	475579	32 GRAIN TURNER REDUCER ANGLE

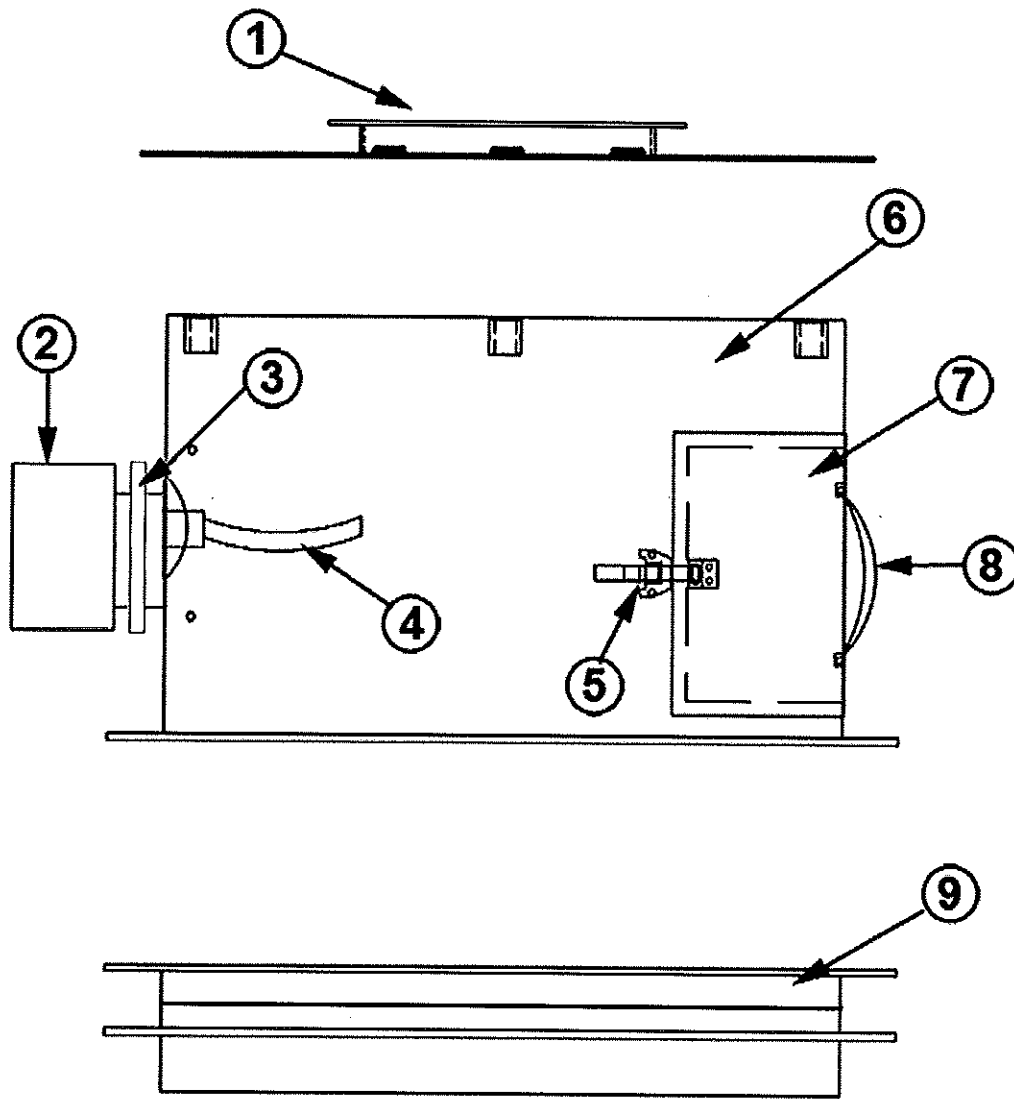
ROOF SECTION



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	833219	2	RING, TRANSITION	9	476120	4	WET HOLDING BIN PANEL 21.75"
2	834721	4	CLIP, FILLER M480	10	475026	2	OUTER 10' TRANSITION RING
3	441552	16	REIN CHANNEL 10' KS ROOF 11GA	11	475027	16	OUTER ROOF PANEL
4	476132	16	INNER SOLID PEAK PANEL 10'	12	0013302	8	ANGLE CLIP UNIVERSAL
5	439063	1	ROOF CAP M001	13	475092	1	GRAIN RECEIVING ASSEMBLY
6	0008311	1	1/2" X 4-3/4" U-BOLT GR5, ROOF CAP	14	475252	2	OUTER ROOF CHANNEL RING
7	438649	2	TAB OUTRE RING BOLTING	15	833353	2	TAB INNER RING BOLTING
8	438761	2	OUTSIDE CHANNEL RING				

GRAIN RECEIVING TOP ASSEMBLY

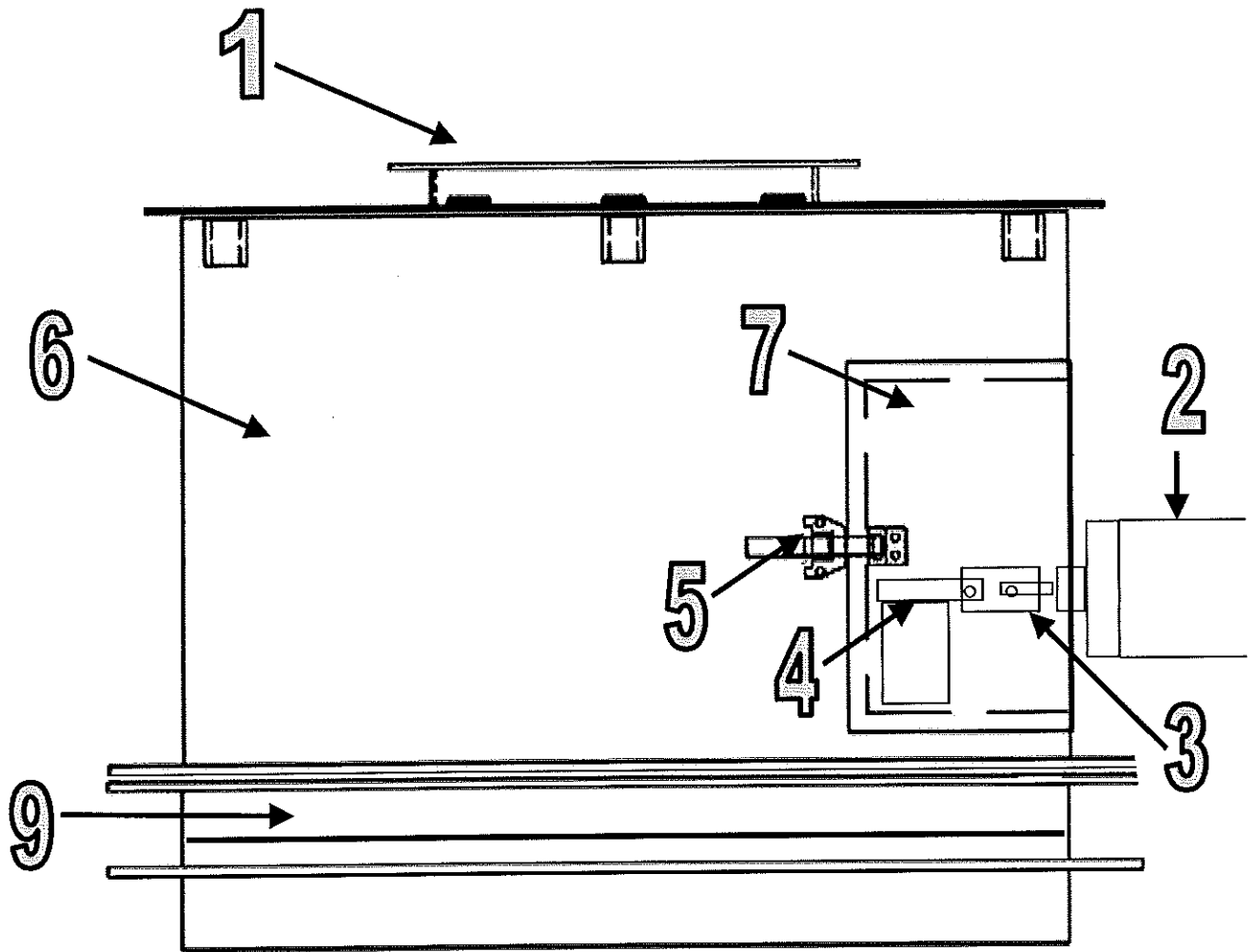
For Dryer Models Prior to S/N 59112



Ref.	Part No.	Qty.	Description
1	475091	1	RECEIVE TUBE PLATE WELD
2	475226	1	ROTARY INDICATOR
3	475230	1	BIN FILL ADAPTER PLATE
4	475754	1	PADDLE SLICER BLADE GRP-23
5	1288960	2	HEAVY DUTY OVER CENTER LATCH
6	476097	1	GRAIN RECEIVING WELDMENT W/DOOR (AND COLLAR)
7	476124	1	RECEIVE TUBE OUTER ACCESS DOOR (W/O HOLE)
8	830126	4	HANDLE, DOOR
9	476121	1	GRAIN RECEIVING COLLAR WELDMENT
10	476123	1	RECEIVE TUBE INNER ACCESS DOOR (W/O HOLE)
	1216913	1	LOCK NUT 1-1/4" (Not Shown)
	1294204	1	RECEIVING TUBE COVER (Not Shown)

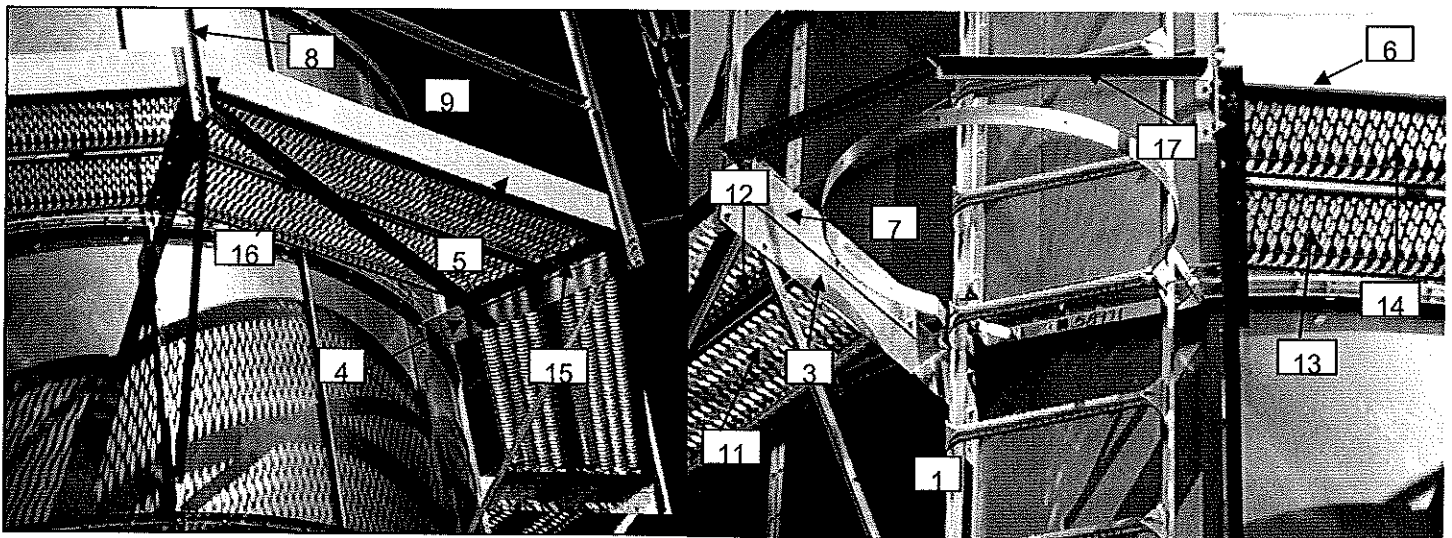
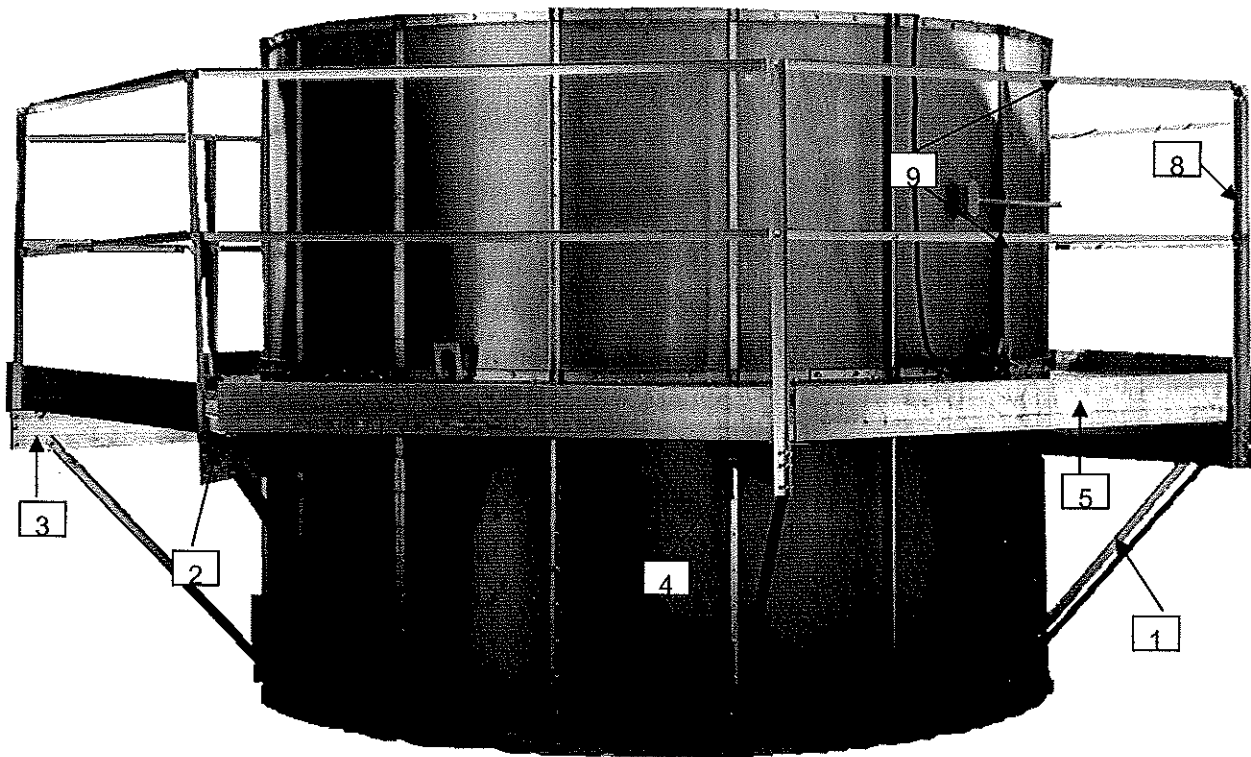
GRAIN RECEIVING TOP ASSEMBLY

For Dryer Models Starting with S/N 59112



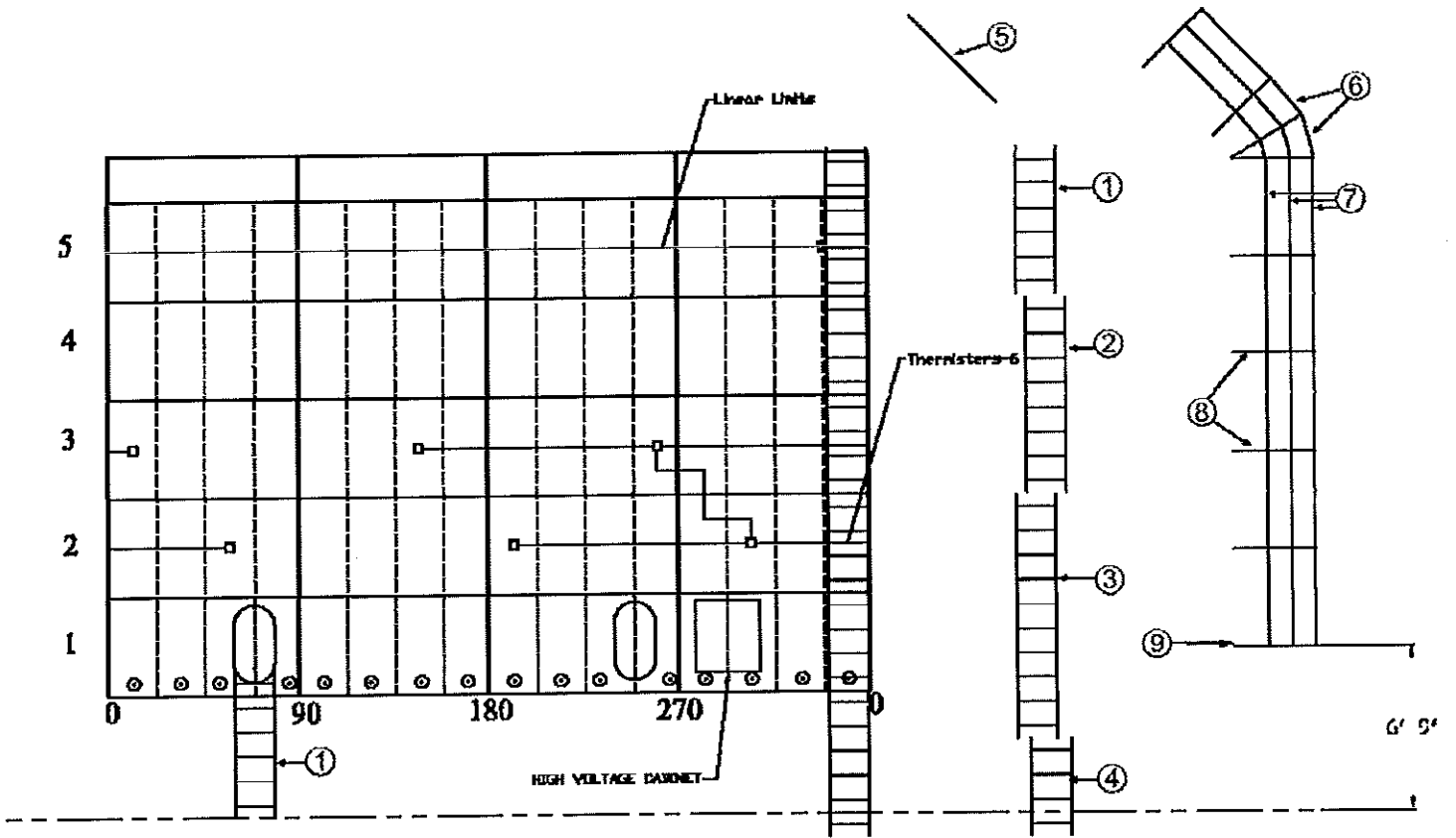
Ref.	Part No.	Qty.	Description
1	475091	1	RECEIVE TUBE PLATE WELD
2	475226	1	ROTARY INDICATOR
3	475228	1	SHAFT COUPLER, GRSS-1
4	476280	1	SINGLE BLADE PADDLE-14GA
5	1288960	2	HEAVY DUTY OVER CENTER LATCH
6	476097	1	GRAIN RECEIVING WELDMENT W/DOOR
7	476124	1	RECEIVE TUBE OUTER ACCESS DOOR
8	476285	1	RT INNER DOOR WELDMENT W/BIN SWITCH (Not Shown)
9	476121	1	GRAIN RECEIVING COLLAR WELDMENT
		2	LOCK NUT 1-1/4" (Not Shown)
	1294204	1	RECEIVING TUBE COVER (Not Shown)

WALKWAY



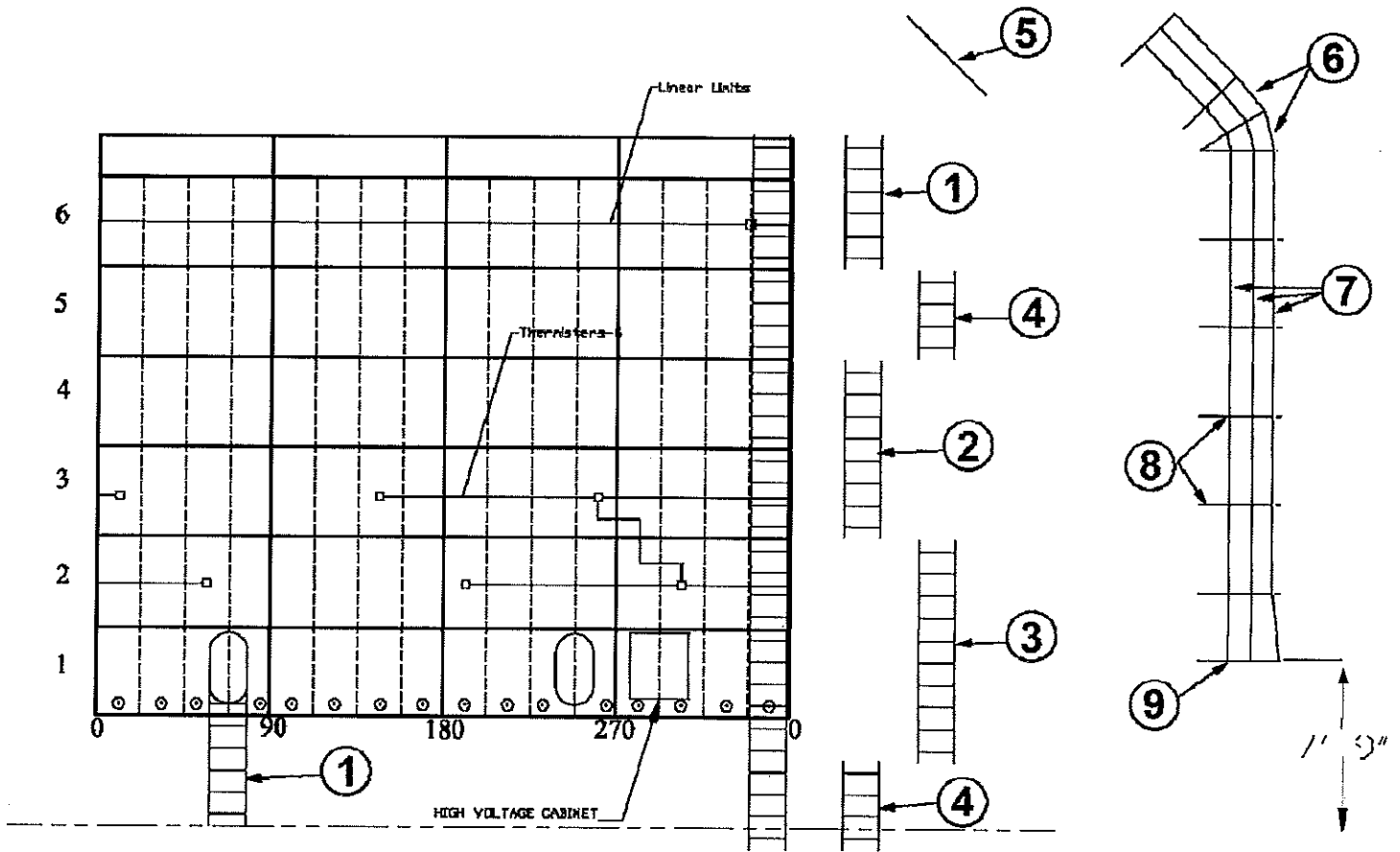
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	475708	9	WALKWAY SUPPORT LEG	11	475717	7	OUTSIDE WALKWAY INNER LONG
2	4902635	8	FLOOR PLANK MAIN SUPPORT	12	475718	7	OUTSIDE WALKWAY OUTER LONG
3	475710	1	FLOOR PLANK SUPPORT L/S	13	475719	1	OUTSIDE WALKWAY INNER SHORT
4	4903250	18	WALKWAY MOUNTING BRACKET	14	475720	1	OUTSIDE WALKWAY OUTER SHORT
	475745	9	BRACE, ANGLE WITH BRACKET M010	15	475711	7	FLOOR PLANK SUPPORT
5	475712	7	WALKWAY TOE KICK ANGLE	16	475744	2	WALKWAY STIFFENER
6	475713	1	WALKWAY TOE KICK ANGLE-SHORT	17	476135	3	STANDARD GUARD RAIL 45"
7	475714	2	WALKWAY ENDPLATE CAP		0008168	150	3/8-16 FLNG WHIZ LKNT ZP (Not Shown)
8	4903248	9	GUARD RAIL SUPPORT POST		0008169	75	5/19-18 FLNG WHZ LKNT ZP (Not Shown)
9	475715	14	STANDARD GUARD RAIL		1208994	85	FLOOR GRATING ANCHOR CLIP (Not Shown)
10	475716	2	GUARD RAIL—SHORT (Not Shown)				

OUTSIDE LADDER & SAFETY CAGE ASSEMBLY 10520



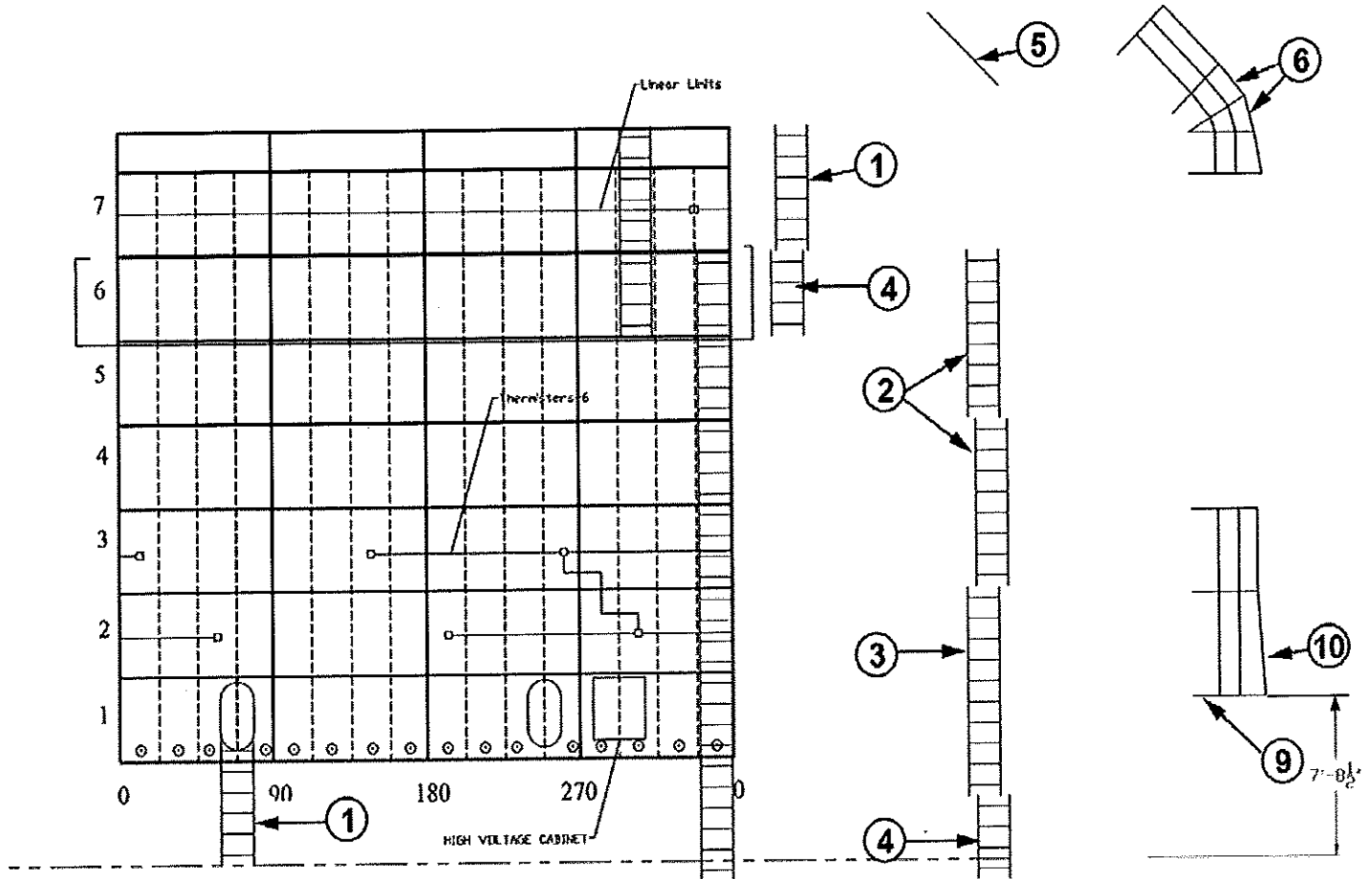
Ref.	Part No.	Qty.	Description
1	4908700	2	6' SURE GRIP LADDER SECTION
2	4908711	1	8' SURE GRIP LADDER SECTION
3	4908703	1	10' SURE GRIP LADDER SECTION
4	4908702	1	4' SURE GRIP LADDER SECTION
5	4908701	1	5' SURE GRIP LADDER SECTION
6	476175	7	3' CAGE STRAP
7	475722	42	4' CAGE STRAP
8	1282058	8	LADDER CAGE HOOP
9	1282057	1	LADDER CAGE HOOP—BOTTOM
	1292040	2	LADDER TO CONCRETE BRACKET (Not Shown)
	475059	2	LADDER CONNECTOR BRACKET (Not Shown)
	475721	8	MAIN LADDER BRACKET (Not Shown)
	475724	1	PEAK LADDER BRACKET (Not Shown)
	4902646	6	LADDER SPLICE (Not Shown)
	4908704	14	CLIP-SURE GRIP (Not Shown)
	475927	1	ENTRANCE LADDER BRACKET (SHORTER)
	4902011	16	OUTSIDE LADDER BRK STIFFENER

OUTSIDE LADDER & SAFETY CAGE ASSEMBLY 10630



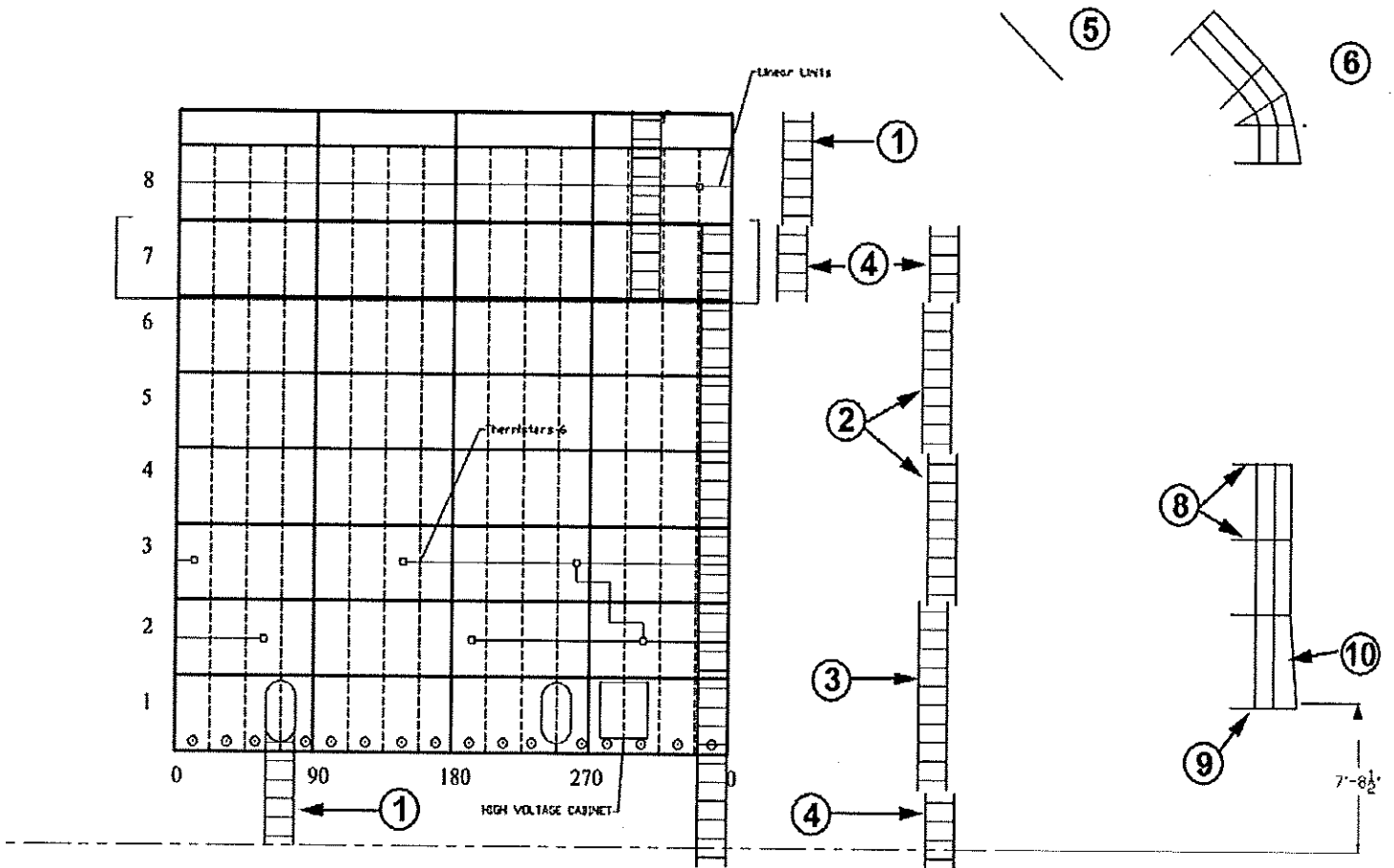
Ref.	Part No.	Qty.	Description
1	4908700	2	6' SURE GRIP LADDER SECTION
2	4908711	1	8' SURE GRIP LADDER SECTION
3	4908703	1	10' SURE GRIP LADDER SECTION
4	4908702	2	4' SURE GRIP LADDER SECTION
5	4908701	1	5' SURE GRIP LADDER SECTION
6	476175	7	3' CAGE STRAP
7	475722	49	4' CAGE STRAP
8	1282058	9	LADDER CAGE HOOP
9	1282057	1	LADDER CAGE HOOP-BOTTOM
	1292040	2	LADDER TO CONCRETE BRACKET (Not Shown)
	475059	2	LADDER CONNECTOR BRACKET (Not Shown)
	475721	10	MAIN LADDER BRACKET (Not Shown)
	475724	1	PEAK LADDER BRACKET (Not Shown)
	4902646	8	LADDER SPLICE (Not Shown)
	4908704	24	CLIP-SURE GRIP (Not Shown)
	475927	1	ENTRANCE LADDER BRACKET (SHORTER)
	4902011	16	OUTSIDE LADDER BRK STIFFENER

OUTSIDE LADDER & SAFETY CAGE ASSEMBLY 10730



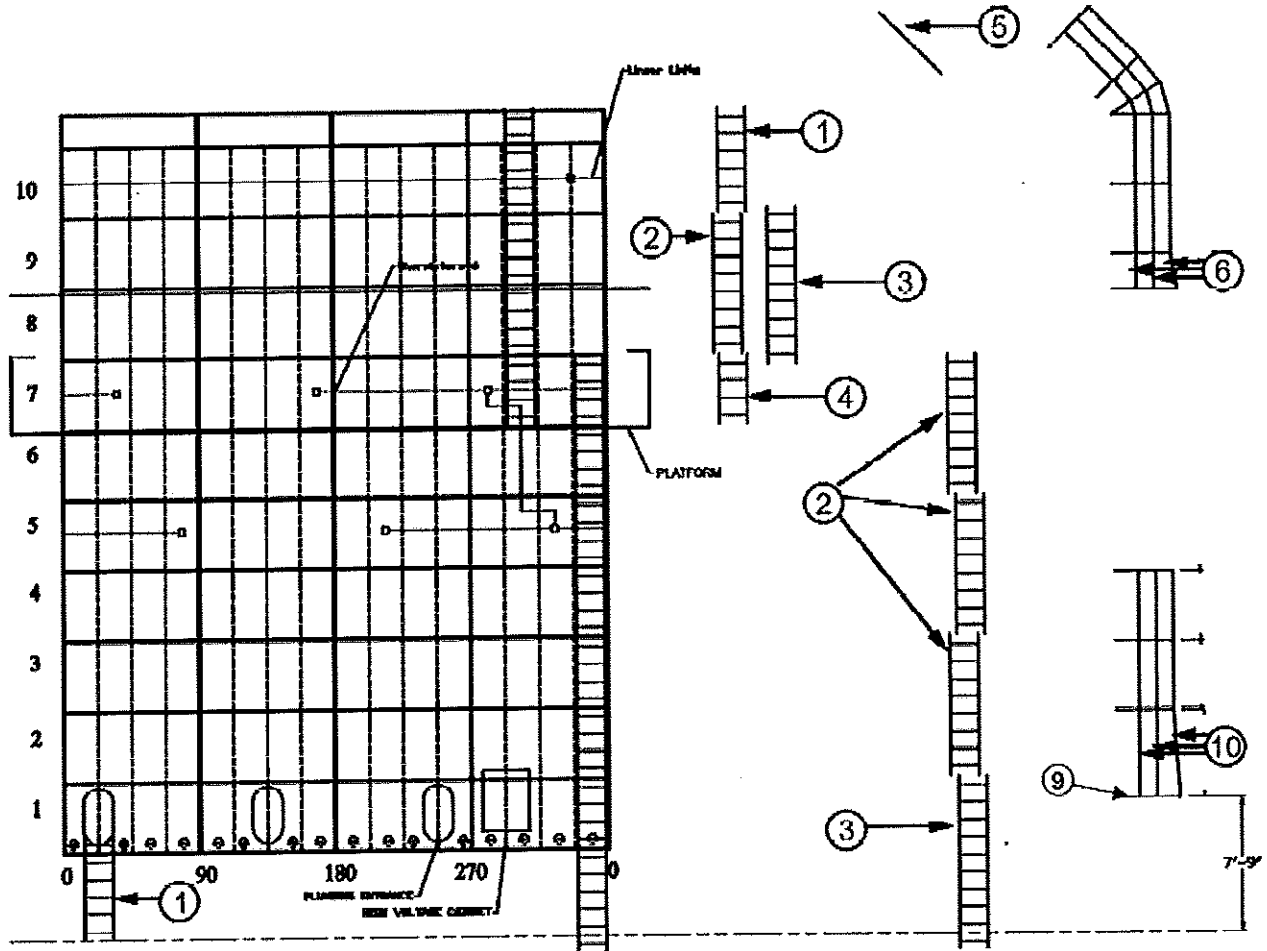
Ref.	Part No.	Qty.	Description
1	4908700	2	6' SURE GRIP LADDER SECTION
2	4908711	2	8' SURE GRIP LADDER SECTION
3	4908703	1	10' SURE GRIP LADDER SECTION
4	4908702	2	4' SURE GRIP LADDER SECTION
5	4908701	1	5' SURE GRIP LADDER SECTION
6	4902027	7	2' CAGE STRAP-10' & 18'
7	475722	7	4' CAGE STRAP
	475090	4	SAFETY CAGE CONN. STRAP
8	1282058	6	LADDER CAGE HOOP
9	1282057	2	LADDER CAGE HOOP-BOTTOM
10	475730	7	5' LADDER CAGE STRAP
	1292040	2	LADDER TO CONCRETE BRACKET (Not Shown)
	475059	2	LADDER CONNECTOR BRACKET (Not Shown)
	475721	13	MAIN LADDER BRACKET (Not Shown)
	475724	1	PEAK LADDER BRACKET (Not Shown)
	4902646	8	LADDER SPLICE (Not Shown)
	4908704	26	CLIP-SURE GRIP (Not Shown)
	475927	1	ENTRANCE LADDER BRACKET (SHORTER)
	4902011	16	OUTSIDE LADDER BRK STIFFENER

OUTSIDE LADDER & SAFETY CAGE ASSEMBLY 10840



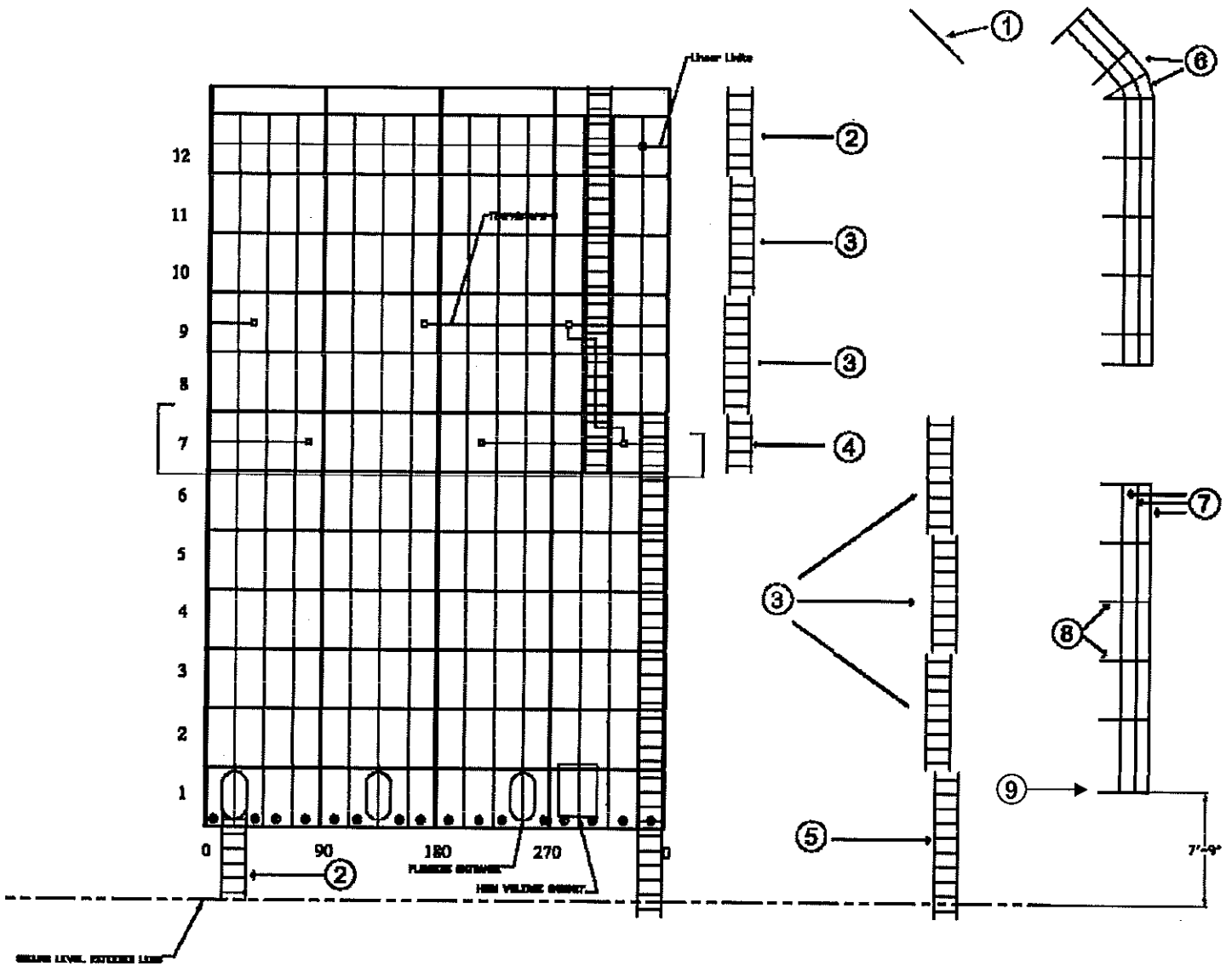
Ref.	Part No.	Qty.	Description
1	4908700	2	6' SURE GRIP LADDER SECTION
2	4908711	2	8' SURE GRIP LADDER SECTION
3	4908703	1	10' SURE GRIP LADDER SECTION
4	4908702	3	4' SURE GRIP LADDER SECTION
5	4908701	1	5' SURE GRIP LADDER SECTION
6	4902027	7	2' CAGE STRAP-10' & 18'
7	475722	14	4' CAGE STRAP
	475090	4	SAFETY CAGE CONN. STRAP
8	1282058	7	LADDER CAGE HOOP
9	1282057	2	LADDER CAGE HOOP-BOTTOM
10	475730	7	5' LADDER CAGE STRAP
	1292040	2	LADDER TO CONCRETE BRACKET (Not Shown)
	475059	2	LADDER CONNECTOR BRACKET (Not Shown)
	475721	15	MAIN LADDER BRACKET (Not Shown)
	475724	1	PEAK LADDER BRACKET (Not Shown)
	4902646	10	LADDER SPLICE (Not Shown)
	4908704	30	CLIP-SURE GRIP (Not Shown)
	475927	1	ENTRANCE LADDER BRACKET (SHORTER)
	4902011	16	OUTSIDE LADDER BRK STIFFENER

OUTSIDE LADDER & SAFETY CAGE ASSEMBLY 101050



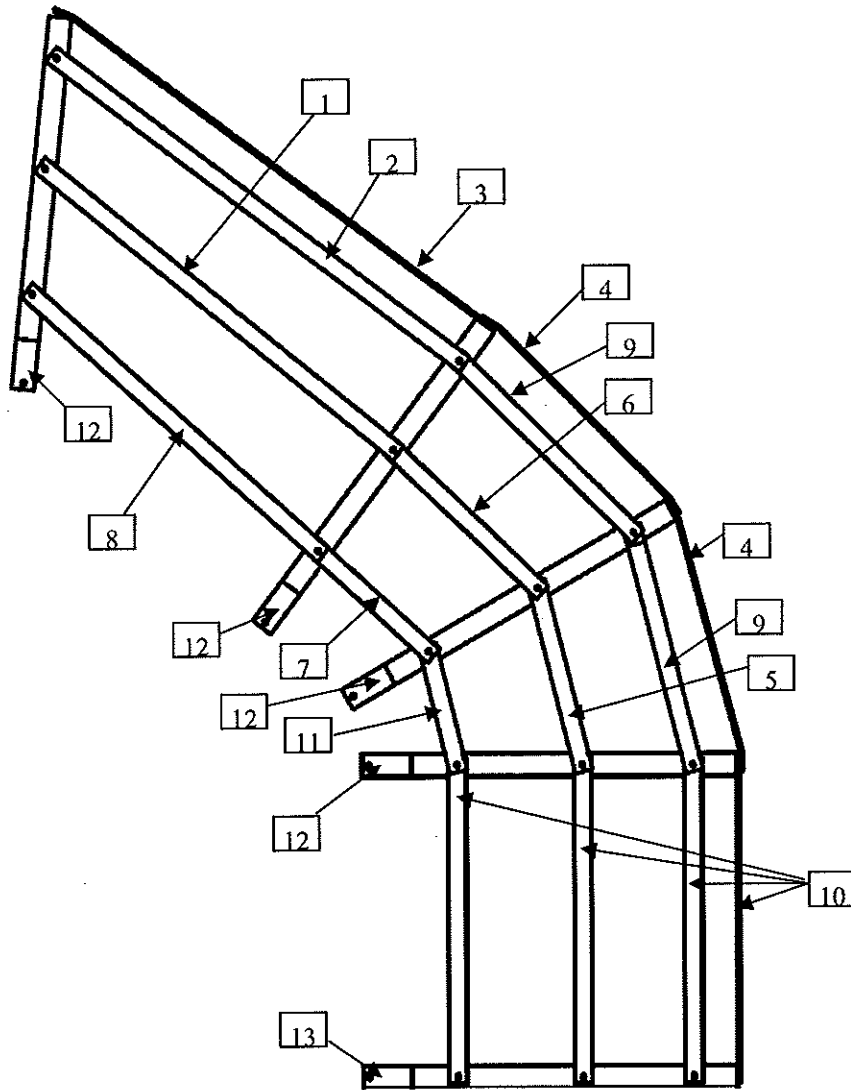
Ref.	Part No.	Qty.	Description
1	4908700	2	6' SURE GRIP LADDER SECTION
2	4908711	4	8' SURE GRIP LADDER SECTION
3	4908703	1	10' SURE GRIP LADDER SECTION
4	4908702	1	4' SURE GRIP LADDER SECTION
5	4908701	1	5' SURE GRIP LADDER SECTION
6	4902027	7	2' CAGE STRAP-10' & 18'
7	475722	28	4' CAGE STRAP
	475090	4	SAFETY CAGE CONN. STRAP
8	1282058	9	LADDER CAGE HOOP
9	1282057	2	LADDER CAGE HOOP-BOTTOM
10	475730	7	5' LADDER CAGE STRAP
	1292040	2	LADDER TO CONCRETE BRACKET (Not Shown)
	475059	2	LADDER CONNECTOR BRACKET (Not Shown)
	475721	19	MAIN LADDER BRACKET (Not Shown)
	475724	1	PEAK LADDER BRACKET (Not Shown)
	4902646	12	LADDER SPLICE (Not Shown)
	4908704	34	CLIP-SURE GRIP (Not Shown)
	475927	1	ENTRANCE LADDER BRACKET (SHORTER)
	4902011	16	OUTSIDE LADDER BRK STIFFENER

OUTSIDE LADDER & SAFETY CAGE ASSEMBLY 101275



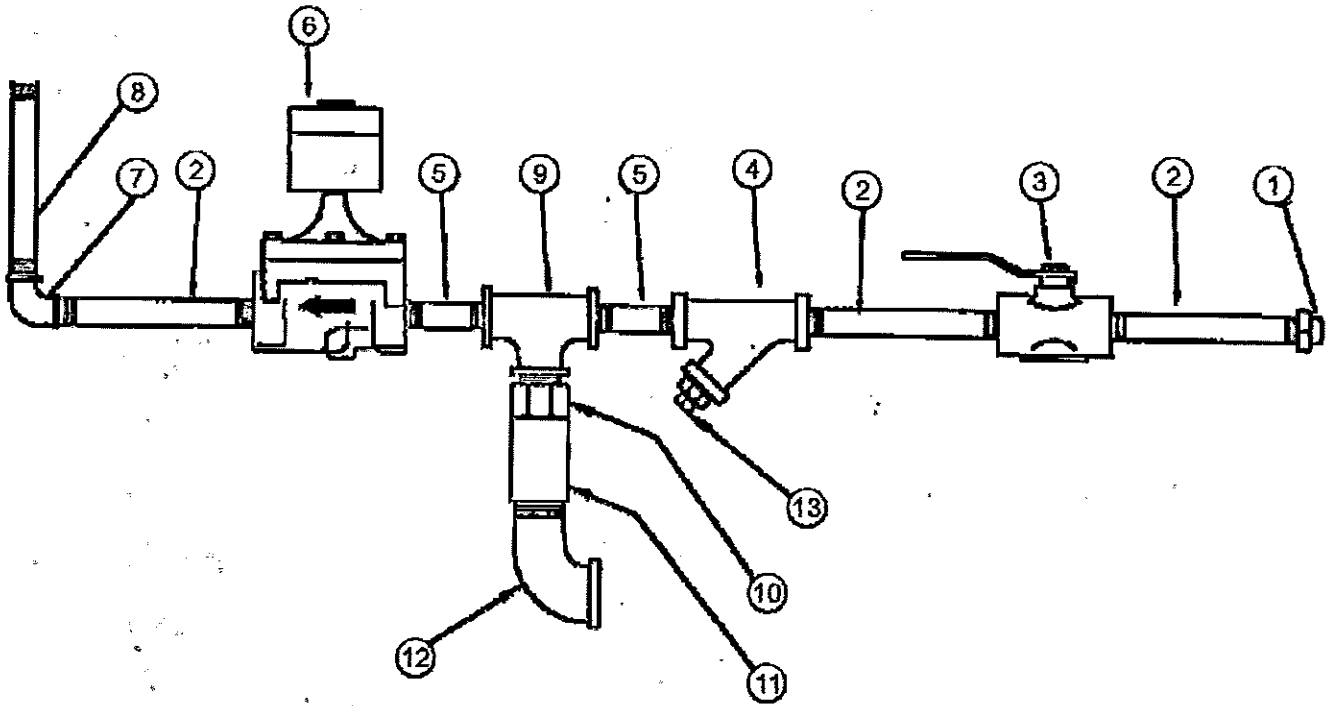
Ref.	Part No.	Qty.	Description
1	4908701	1	5' SURE GRIP LADDER SECTION
2	4908700	2	6' SURE GRIP LADDER SECTION
3	4908711	5	8 SURE GRIP LADDER SECTION
4	4908702	1	4' SURE GRIP LADDER SECTION
5	4908703	1	10' SURE GRIP LADDER SECTION
6	4902027	7	2' CAGE STRAP-10' & 18'
7	475722	63	4' CAGE STRAP
	475090	8	SAFETY CAGE CONN. STRAP
8	1282058	13	LADDER CAGE HOOP
9	1282057	2	LADDER CAGE HOOP-BOTTOM
10	475730	7	5' LADDER CAGE STRAP
	475721	21	MAIN LADDER BRACKET (Not Shown)
	4908704	40	CLIP-SURE GRIP (Not Shown)
	475724	1	PEAK LADDER BRACKET (Not Shown)
	475059	2	LADDER CONNECTOR BRACKET (Not Shown)
	4902646	14	LADDER SPLICE (Not Shown)
	475927	1	ENTRANCE LADDER BRACKET (SHORTER)
	4902011	16	OUTSIDE LADDER BRK STIFFENER

SAFETY CAGE STRAPS



Ref.	Part No.	Qty.	Description
1	476287	2	10' UPPER PEAK CAGE STRAP 34 1/8"
2	476286	2	10' UPPER PEAK CAGE STRAP 39 7/8"
3	476299	1	10' UPPER PEAK CAGE STRAP 41 7/8"
4	476295	2	10' UPPER PEAK CAGE STRAP 21 3/8"
5	476294	2	10' UPPER PEAK CAGE STRAP 16 1/8"
6	476297	2	10' UPPER PEAK CAGE STRAP 15 5/8"
7	476296	2	10' UPPER PEAK CAGE STRAP 10 3/8"
8	476298	2	10' UPPER PEAK CAGE STRAP 28 7/8"
9	475090	4	SAFETY CAGE CONN. STRAP
10	4902027	7	2' CAGE STRAP -10' & 18'
11	4762963	2	10' UPPER PEAK CAGE STRAP 11 3/8"
12	1282058	4	LADDER CAGE HOOP
13	1282057	1	LADDER CAGE HOOP - BOTTOM

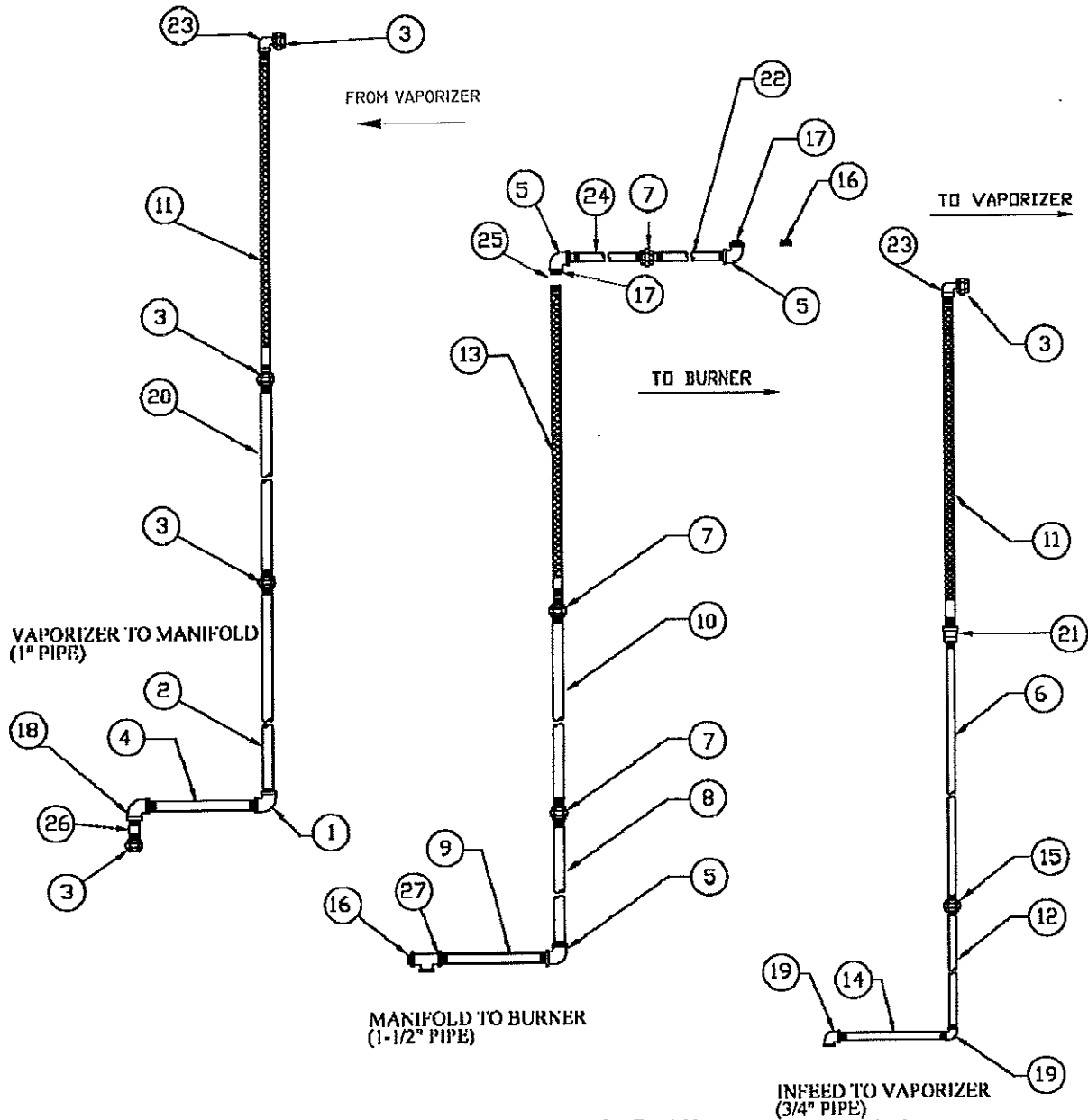
LIQUID PROPANE INTAKE LINE



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1218034	1	3/4 EXT HVY PIPE CAP-MC#475123	8	1218005	1	3/4 X 1 1/2 EXHVY NIPL
2	1218092	3	3/4 X 4 EX. HVY. NIPPLE	9	1288056	1	3/4 X 3/4 X 1/2 EXHVY
3	1217011	1	MAIN HAND VALVE 3/4" LP	10	1217014	1	RELIEF VALVE ADAPTER
4	1218060	1	3/4 FULL FLOW DIRT STRAINER	11	1217013	1	1/2" NPT LQ RELIEF VALVE
5	1288006	2	3/4 X 6 EXHVY NIPL	12	1218048	1	1/2 90DEG STD STR ELBOW-MC#096054
6	475561	1	3/4" SOLENOID VALVE	13	1238080	1	1/2"EX.HVY.BLK.PIPE CAP-MC #475117
7	1218027	1	3/4 X 90 DEGREE EXHVY EL-MC#475136				

10520-10630 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

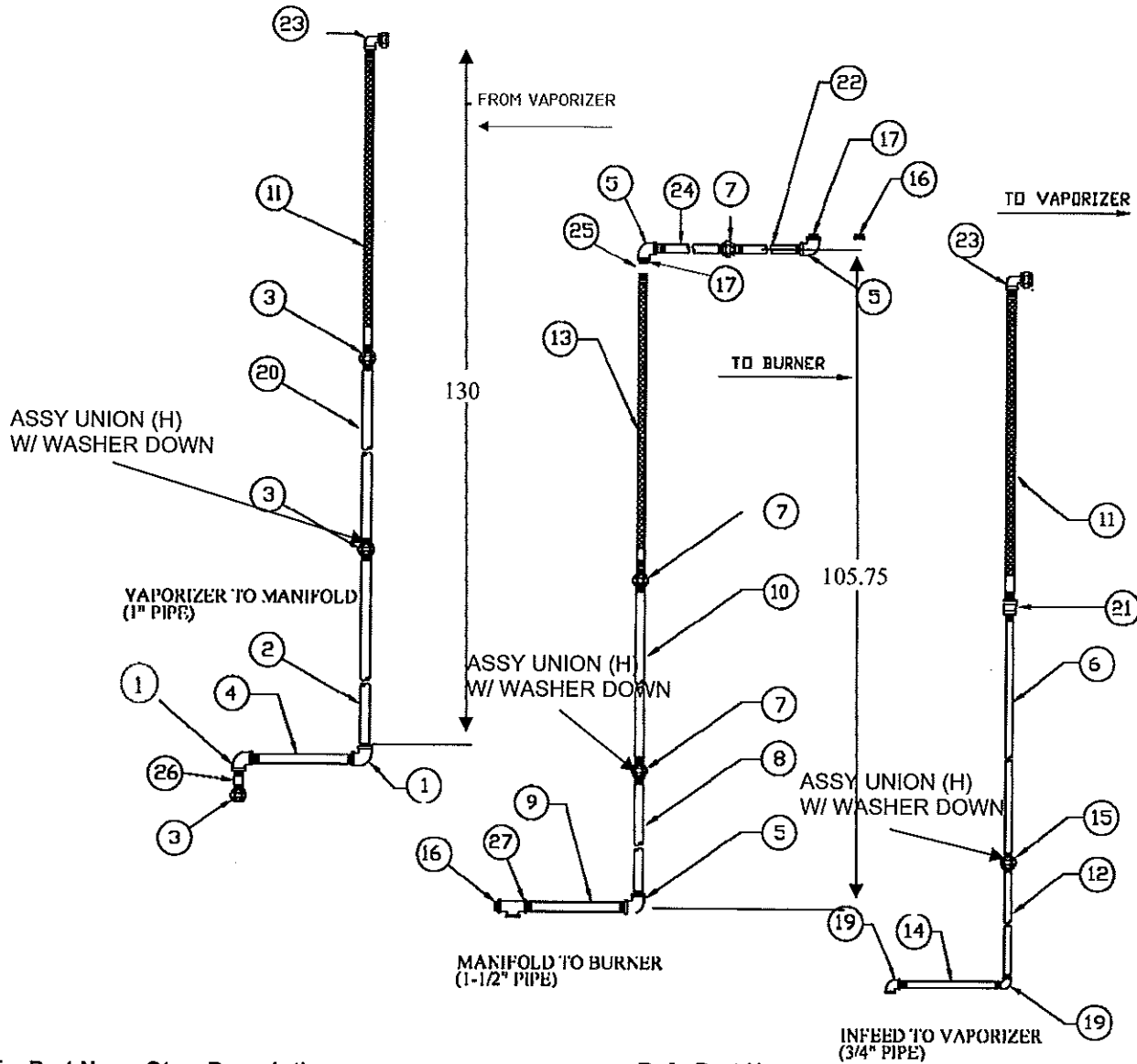
For Dryer Models Built Prior to S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1258026	1	1 X 90 DEG EXHVY ELBOW	14	1258111	1	3/4" X 26" EXHVY NIPPLE
2	1288091	1	1" X 42" EXHVY BLK PIPE	15	1218072	1	3/4 EXHVY BLK UNION 300#
3	1258031	5	1" EXHVY UNION	16	1287521	2	1-1/2" PIPE PLUG
4	1288090	1	1 X 22" EXHVY BLK PIPE	17	1258077	2	1 1/2 X CLOSE STD NIPL #096108
5	1258076	3	1 1/2 STD X 90D ELBOW-MC #095428	18	1288029	1	1" 90 DEG STD UNION ELBOW
6	476194	1	3/4" X 63" EXHVY NIPPLE	19	1218027	2	3/4 X 90 DEGREE EXHVY EL-MC#475136
7	1258079	3	1 1/2 STD UNION-MC #096143	20	476195	1	1" X 61" EXHVY NIPPLE
8	1258090	1	1 1/2 X 45 STD NIPL	21	1288084	1	1 - 3/4" XHVY. RED. COUPLING
9	1208079	1	1 1/2 X 24 " STD NIPL	22	1258105	1	1 1/2" X 20" STD NIPPLE
10	476196	1	1-1/2 X 16" STD NIPPLE	23	1258026	2	1 X 90 DEG EXHVY ELBOW
11	475706	2	1" X 2' STAINLS BRAIDED FLEXHOSE	24	476181	1	1 1/2" X 12" STD NIPPLE
12	1278005	1	3/4" X 40" EXHVY NIPPLE	25	096024	1	1-1/2 STD. PIPE COUPLING
13	475849	1	1-1/2" X 3' STAINLESS BRAID FLEXHOSE	26	096095	1	SCH 40 BLAC NIPPLE 1 X 3"
				27	1258078	1	1 1/2 STD TEE-MC #096137

10520-10630 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

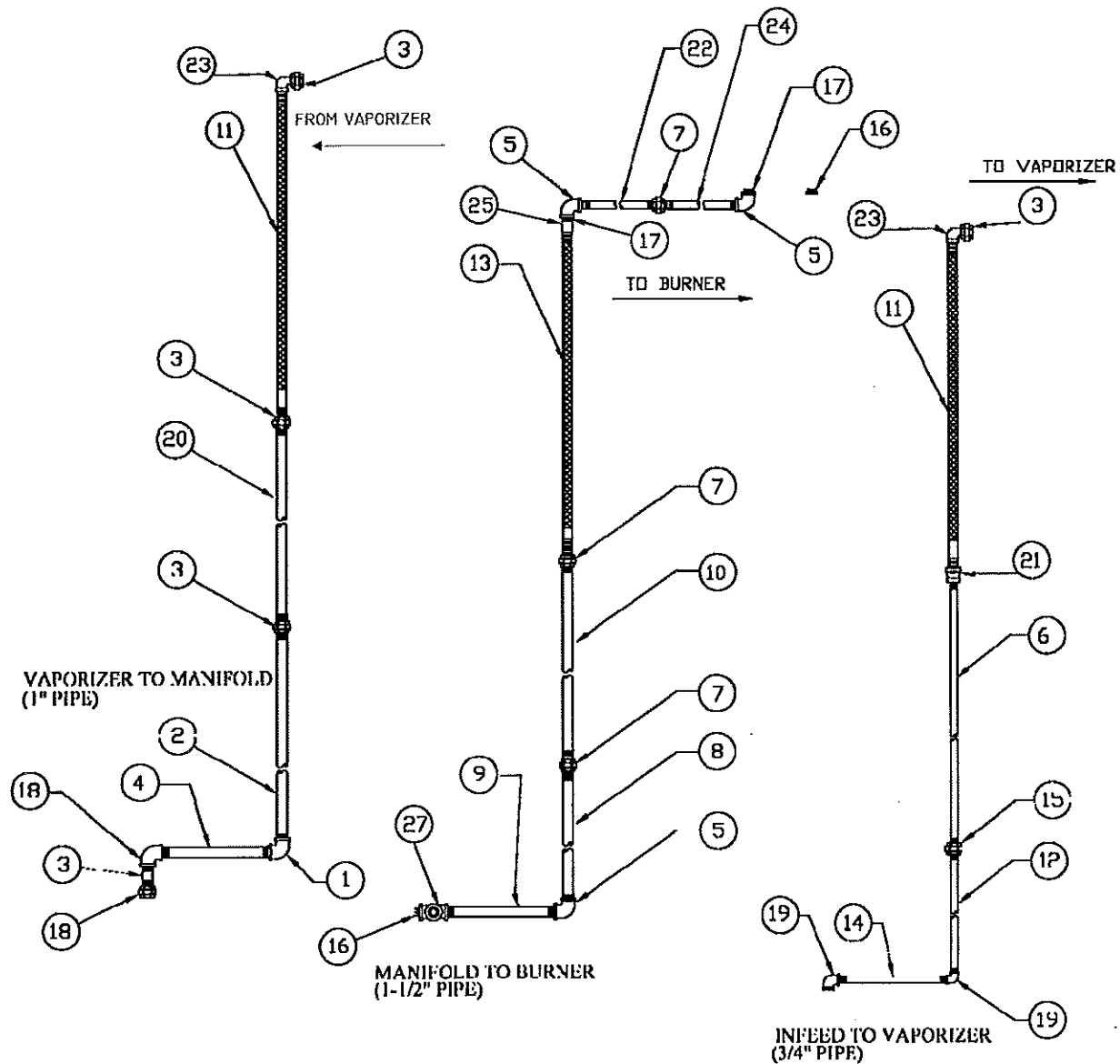
For Dryer Models Starting with S/N 59112



Ref. Part No	Qty.	Description	Ref. Part No	Qty.	Description
1	2	1 X 90 EXHVVY ELBOW DEG	15	1	3/4 EXHVVY BLK UNION 300#
2	1	1" X 42" EXHVVY BLK PIPE	16	2	1-1/2" PIPE PLUG
3	3	1" EXHVVY UNION	17	2	1 1/2 X 2 1/2 XHVVY NIPPLE
4	1	1" X 22" EXHVVY BLK PIPE	18		
5	3	1 1/2 XHVVY X 90D ELBOW	19	2	3/4 X 90 DEGREE EXHVVY EL-MC#475136
6	1	3/4" X 74" EXHVVY NIPPLE	20	1	1" X 71" EXHVVY NIPPLE
7	3	1 1/2 XHVVY UNION	21	1	1"-3/4" XHVVY. RED. COUPLING
8	1	1 1/2" X 45" EX HVVY NIPPLE	22	1	1 1/2" X 20" EX HVVY NIPPLE
9	1	1 1/2" X 24 " EX HVVY NIPPLE	23	2	1" X 90 DEG. EXHVVY UNION ELBOW
10	1	1 1/2" X 30" EX HVVY NIPPLE	24	1	1 1/2" X 12" EX HVVY NIPPLE
11	2	1" X 2' STAINLS BRAIDED FLEXHOSE	25	1	1-1/2 XHVVY PIPE COUPLING
12	1	3/4" X 40" " EXHVVY NIPPLE	26	1	1" X 3" EX HVVY NIPPLE
13	1	1-1/2" X 3' STAINLESS BRAID FLEXHOSE	27	1	1 1/2 XHVVY TEE
14	1	3/4" x 26" EXHVVY NIPPLE			

10730 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

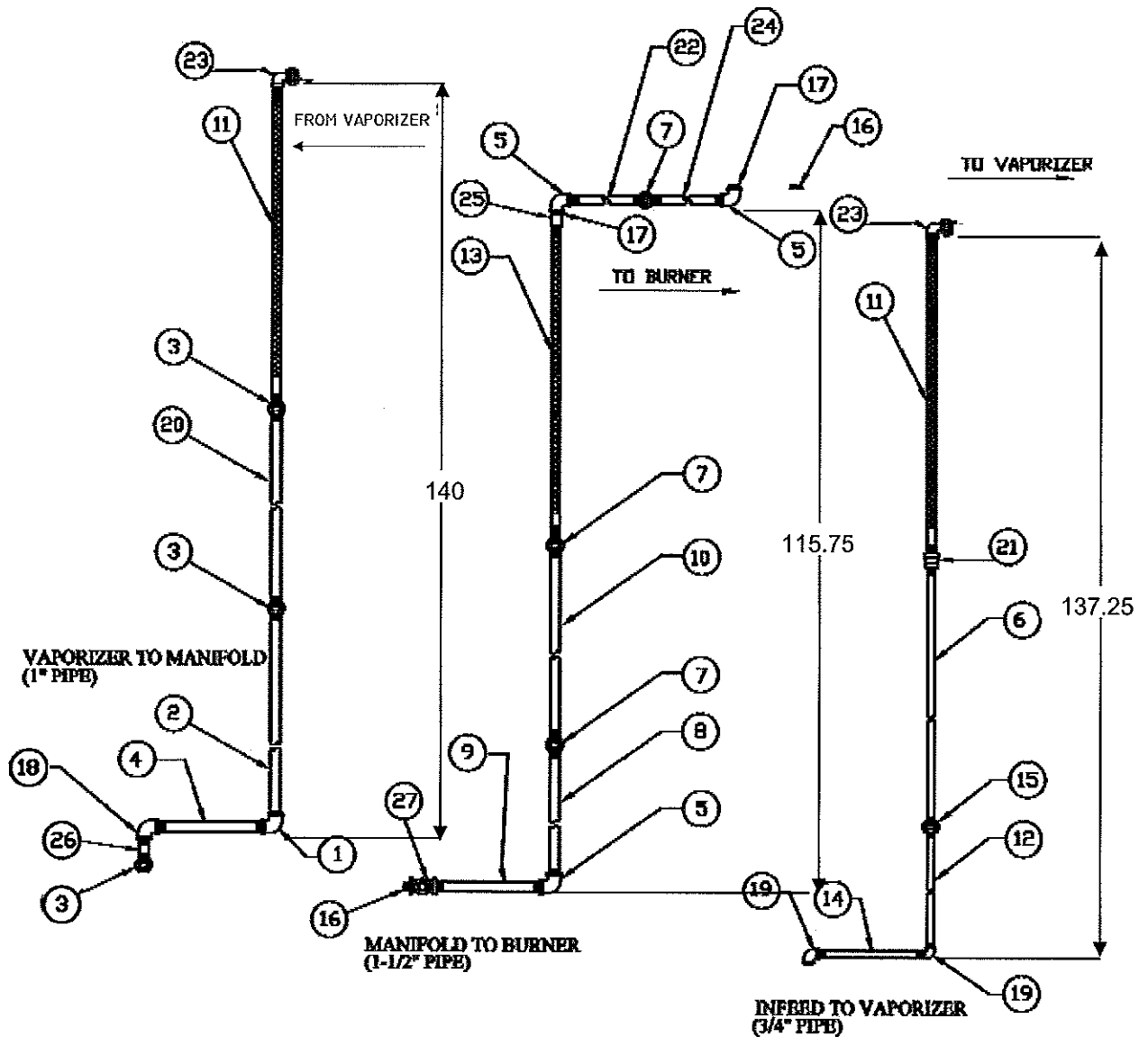
For Dryer Models Built Prior to S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1258026	1	1 X 90 DEG EXHVY ELBOW	14	1258111	1	3/4" X 26" EXHVY NIPPLE
2	1288091	1	1" X 42" EX HVY BLK PIPE	15	1218072	1	3/4 EXHVY BLK UNION 300#
3	1258031	5	1" EXHVY UNION	16	1287521	2	1-1/2" PIPE PLUG
4	1288090	1	1" X 22" EXHVY BLK PIPE	17	1258077	2	1 1/2 X CLOSE STD NIPL #096108
5	1258076	3	1 1/2 STD X 90D ELBOW-MC#095428	18	1288029	1	1" X 90 DEG STD UNION ELBOW
6	476185	1	3/4" X 69" EXHVY PIPE	19	1218027	2	3/4 X 90 DEGREE EXHVY EL-MC#475136
7	1258079	3	1 1/2 STD UNION-MC#096143	20	476184	1	1" X 67" EXHVY BLK PIPE
8	1258090	1	1 1/2 X 45 STD NIPL	21	1288084	1	1"- 3/4" XHVY. RED. COUPLING
9	1208079	1	1 1/2 X 24" STD NIPL	22	1258105	1	1 1/2" X 20" STD NIPPLE
10	476193	1	1 1/2" X 26" XHVY NIPPLE	23	1258026	2	1 X 90 DEG EXHVY ELBOW
11	475706	2	1" X 2' STAINLS BRAIDED FLEXHOSE	24	476181	1	1 1/2" X 12" STD NIPPLE
12	1278005	1	3/4" X 40" " EXHVY NIPPLE	25	096024	1	1-1/2 COUPLING STD. PIPE
13	475849	1	1-1/2" X 3 'STAINLESS BRAID FLEXHOSE	26	096095	1	NIPPLE 1 X 3" SCH 40 BLAC
				27	1258078	1	1 1/2 STD TEE-MC#096137

10730 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

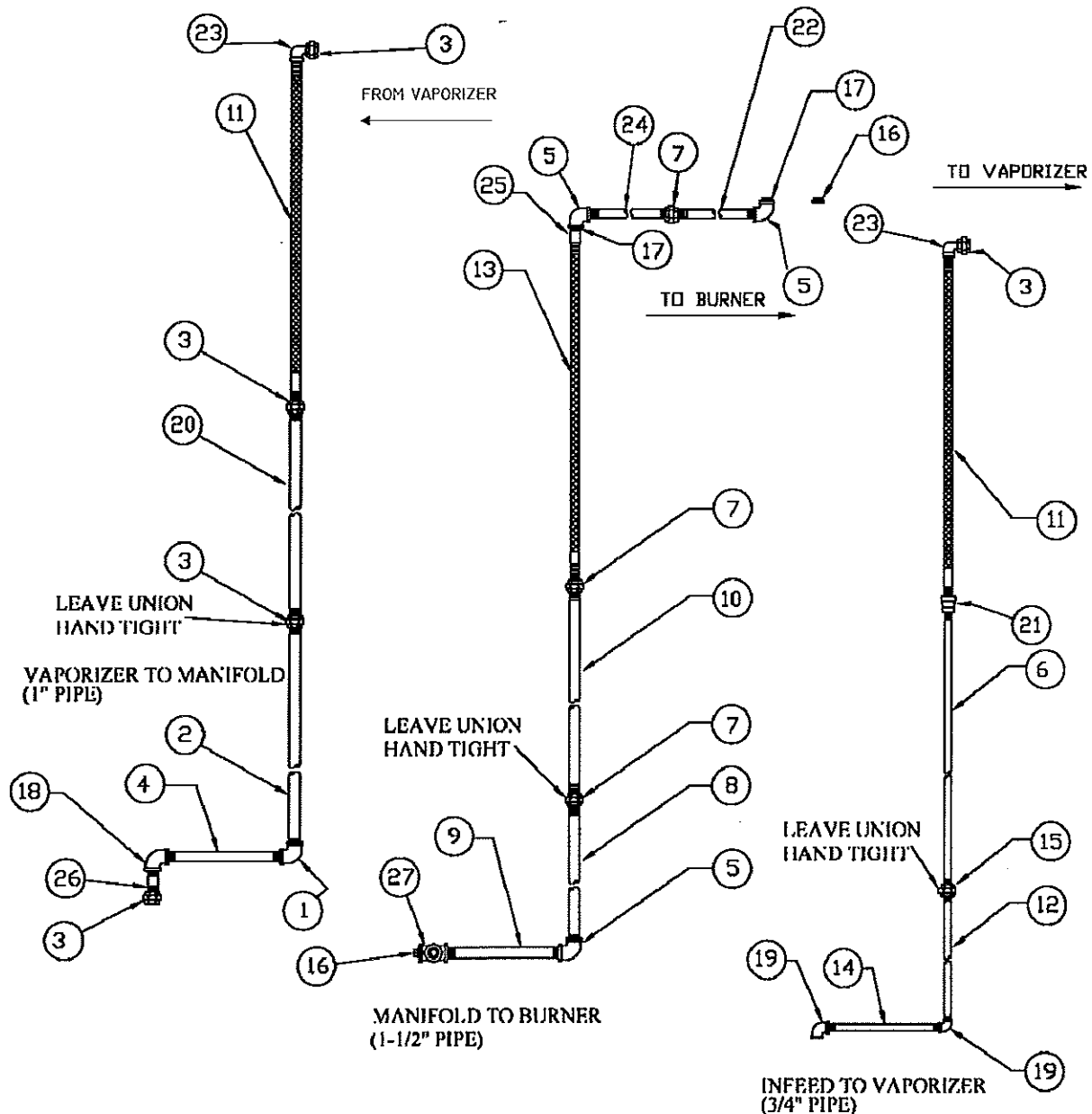
For Dryer Models Starting with S/N 59112



Ref. Part No	Qty.	Description	Ref. Part No	Qty.	Description
1	1	1 X 90 DEG EXHVVY ELBOW	15	1	3/4 EXHVVY BLK UNION 300#
2	1	1" X 42" EXHVVY BLK PIPE	16	2	1 1/2" PIPE PLUG
3	3	1" EXHVVY UNION	17	2	1 1/2 X 2 1/2 XHVVY NIPPLE
4	1	1" X 22" EXHVVY BLK PIPE	18	1	1" EXHVVY ELBOW
5	3	1 1/2 X 90D XHVVY ELBOW	19	2	3/4 X 90 DEGREE EXHVVY-MC#475136
6	1	3/4" X 69" EXHVVY PIPE	20	1	1" X 67" EXHVVY BLK PIPE
7	3	1 1/2 XHVVY UNION	21	1	1"- 3/4" XHVVY. RED. COUPLING
8	1	1 1/2" X 45" EX HVVY NIPPLE	22	1	1 1/2" X 20" EX HVVY NIPPLE
9	1	1 1/2" X 24" EX HVVY NIPPLE	23	2	1" X 90 DEG EXHVVY UNION ELBOW
10	1	1-1/2" X 26" XHVVY NIPPLE	24	1	1 1/2" X 12" EX HVVY NIPPLE
11	2	1" X 2' STAINLS BRAIDED FLEXHOSE	25	1	1-1/2 XHVVY PIPE COUPLING
12	1	3/4" X 40" EXHVVY NIPPLE	26	1	1" X 3" EX HVVY NIPPLE
13	1	1-1/2" X 3' STAINLESS BRAID FLEXHOSE	27	1	1 1/2 XHVVY TEE
14	1	3/4" X 26" EXHVVY NIPPLE			

10840 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

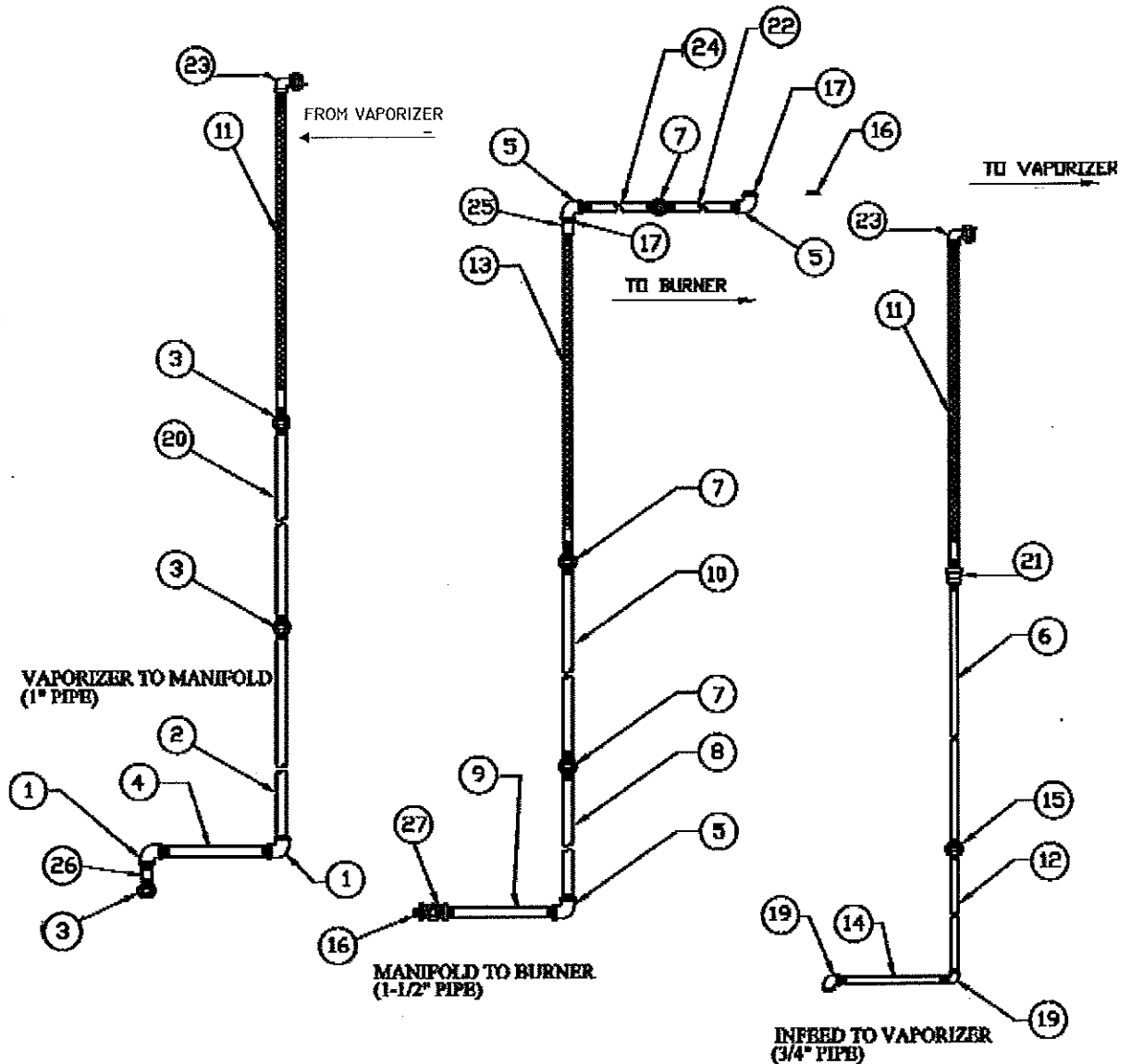
For Dryer Models Built Prior To S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1258026	2	1 X 90 DEG EXHVY ELL	14	1258111	1	3/4" X 26" EXHVY NIPPLE
2	1288091	1	1" X 42" EXHVY BLK PIPE	15	1218072	1	3/4 EXHVY BLK UNION 300#
3	1258031	5	1" EXHVY UNION	16	1287521	2	1-1/2" PIPE PLUG
4	1288090	1	1" X 22 " EXHVY BLK PIPE	17	1258077	2	1 1/2 X CLOSE STD NIPL#096108
5	1258076	3	1 1/2 STD X 90D ELBOW-MC#095428	18	1288029	1	1" 90 DEG STD UNION ELBOW
6	476190	1	3/4" X 74" EXHVY PIPE	19	1218027	2	3/4 X 90 DEGREE EXHVY EL-MC#475136
7	1258079	3	1 1/2 STD UNION-MC#096143	20	476191	1	1" X 71" EXHVY NIPPLE
8	1258090	1	1 1/2 X 45 STD NIPL	21	1288084	1	1"- 3/4" XHVY. RED. COUPLING
9	1208079	1	1 1/2 X 24" STD NIPL	22	1258105	1	1 1/2" X 20" STD NIPPLE
10	476193	1	1-1/2" X 26" XHVY NIPPLE	23	1258026	2	1 X 90 DEG EXHVY ELBOW
11	475706	2	1" X 2' STAINLS BRAIDED FLEXHOSE	24	476181	1	1 1/2" X 12" STD NIPPLE
12	1278005	1	3/4" X 40" EXHVY NIPPLE	25	096024	1	1-1/2 COUPLING STD. PIPE
13	475849	1	1-1/2" X 3' STAINLESS BRAID FLEXHOSE	26	096095	1	NIPPLE 1" X 3" SCH40 BLAC
				27	1258078	1	1 1/2 STD TEE-MC #096137

10840 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

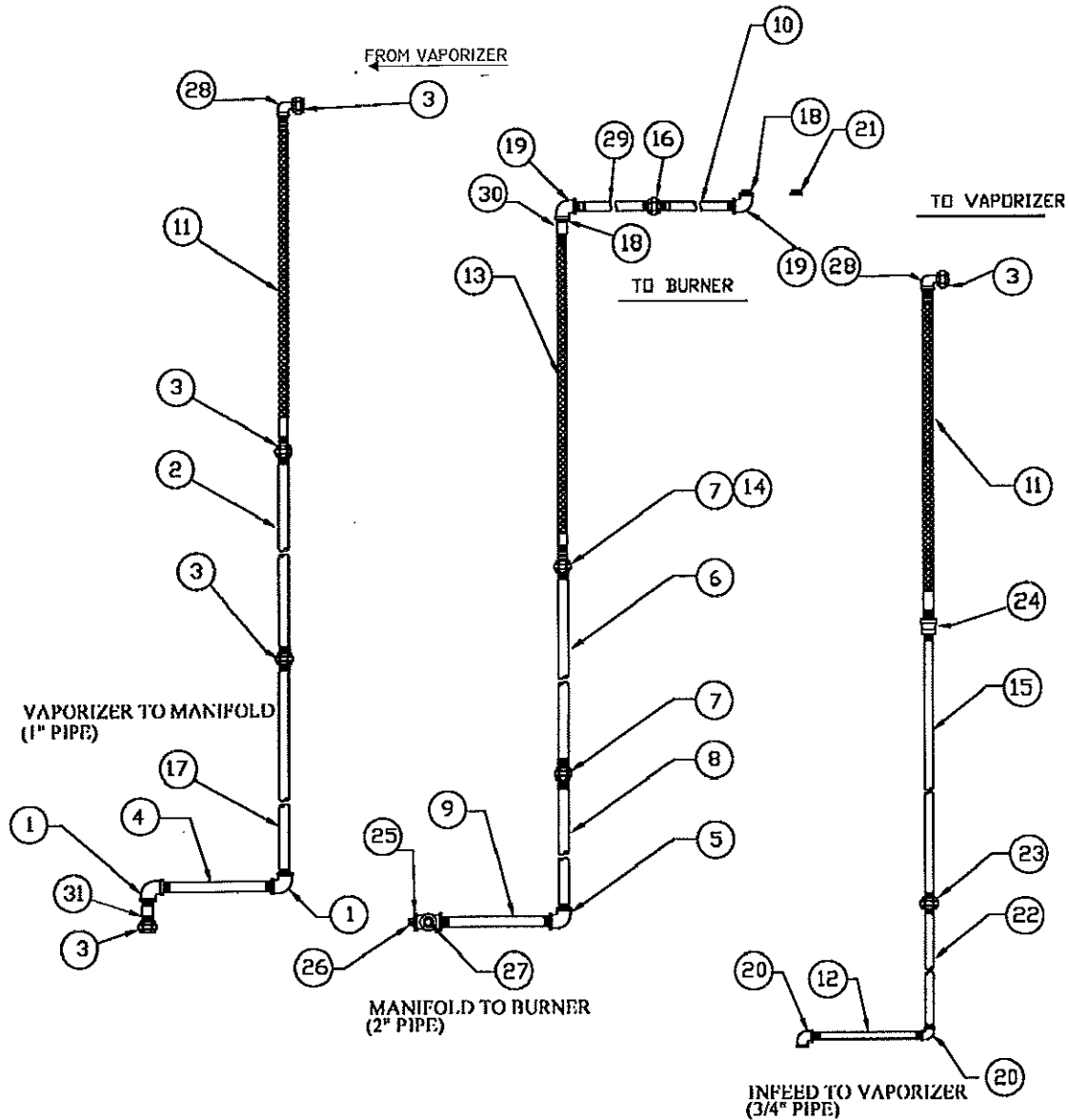
For Dryer Models Starting With S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1258026	2	1 X 90 DEG EXHVY ELBOW	15	1218072	1	3/4 EXHVY BLK UNION 300#
2	1288091	1	1" X 42" EXHVY BLK PIPE	16	1287521	2	1-1/2" PIPE PLUG
3	1258031	3	1" EXHVY UNION	17	1208082	2	1 1/2 X 2 1/2 XHVY NIPPLE
4	1288090	1	1" X 22" EXHVY BLK PIPE	18			
5	1258158	3	1 1/2 XHVY X 90D ELBOW	19	1218027	2	3/4 X 90 DEGREE EXHVY EL-MC#475136
6	476194	1	3/4" X 63" EXHVY PIPE	20	476195	1	1" X 61" EXHVY NIPPLE
7	1258154	3	1 1/2 XHVY UNION	21	1288084	1	1"- 3/4" XHVY. RED. COUPLING
8	1252561	1	1 1/2" X 45" EX HVY NIPPLE	22	1252564	1	1 1/2" X 20" EX HVY NIPPLE
9	1252562	1	1 1/2" X 24" EX HVY NIPPLE	23	475128	2	1" X 90 DEG EXHVY UNION ELBOW
10	1252563	1	1 1/2" X 16" EX HVY NIPPLE	24	1252565	1	1 1/2" X 12" EX HVY NIPPLE
11	475706	2	1" X 2' STAINLS BRAIDED FLEXHOSE	25	1258160	1	1-1/2 XHVY PIPE COUPLING
12	1278005	1	3/4" X 40" EXHVY NIPPLE	26	1258161	1	1" X 3" EX HVY NIPPLE
13	475849	1	1 1/2" X 3' STAINLESS BRAID FLEXHOSE	27	1258156	1	1 1/2" XHVY TEE
14	1258111	1	3/4" X 26" EXHVY NIPPLE				

101050 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

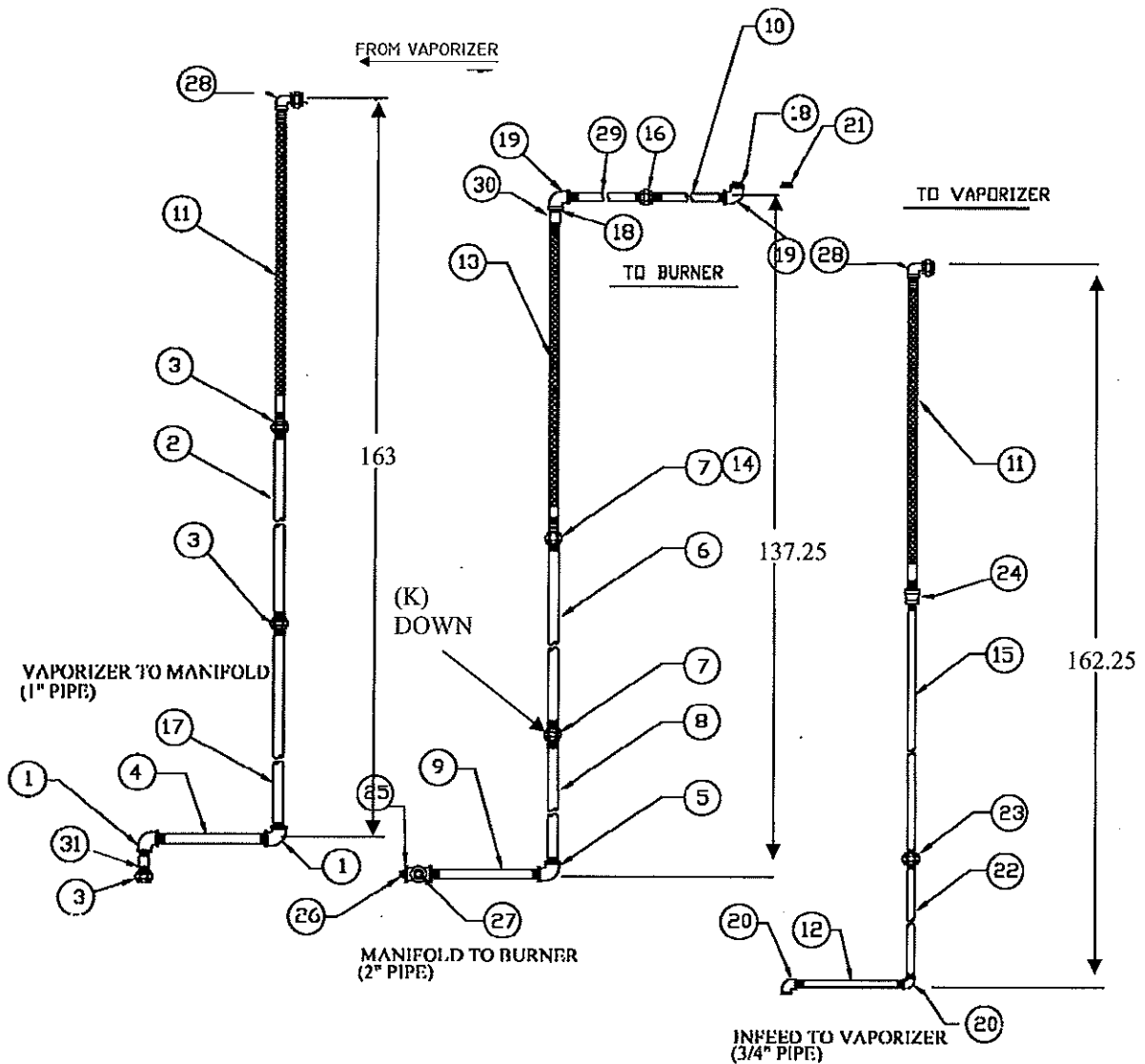
For Dryers Built Prior to S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1258026	2	1 X 90 DEG EXHVY ELBOW	16	1258079	1	1 1/2 STD UNION-MC#096143
2	476189	1	1" X 69" EXHVY BLK PIPE	17	1258144	1	3/4" X 64" EXHVY BLK PIPE TWIN CITY
3	1258031	5	1" EXHVY UNION	18	1258077	2	1 1/2 X CLOSE STD NIPL #096108
4	1288090	1	1" X 22" EXHVY BLK PIPE	19	1258076	2	1 1/2 STD X 90D ELBOW-MC 095428
5	1288070	1	2" 90-DEGREE ELBOW	20	1218027	2	3/4 X 90 DEGREE EXHVY EL-MC#475136
6	476180	1	2 X 32 STD BLK PIPE NIPPLE	21	1287521	1	1-1/2" PIPE PLUG
7	1258032	2	2" STD UNION	22	1258143	1	1" X 64" EXHVY BLK PIPE-TC
8	1258104	1	2 X 60" BLK PIPE	23	1218027	2	3/4 X 90 DEGREE EXHVY EL-MC#475136
9	1258145	1	2 X 25" STD BLK PIPE	24	1288084	1	1" - 3/4" XHVY. RED. COUPLING
10	1258105	1	1 1/2" X 20" STD NIPPLE	25	1258107	1	2" X 2" X 2" STD TEE
11	475706	2	1" X 2' STAINLS BRAIDED FLEXHOSE	26	1258054	1	2" PIPE PLUG
12	1218009	1	3/4 X 24 3/4 EXHVY NIPL	27	1287523	1	2" CLOSE STD PIPE NIPPLE
13	475849	1	1-1/2" X 3' STAINLESS BRAID FLEXHOSE	28	1258026	2	1 X 90 DEG EXHVY ELBOW
14	1258034	1	2 TO 1 1/2 STD RED BSHG	29	476181	1	1 1/2" X 12" STD NIPPLE
15	476188	1	3/4 X 70 EXHVY BLK PIPE	8430	096024	1	1-1/2 STD. PIPE COUPLING
				31	096095	1	NIPPLE 1 X 3" SCH40 BLAC

101050 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

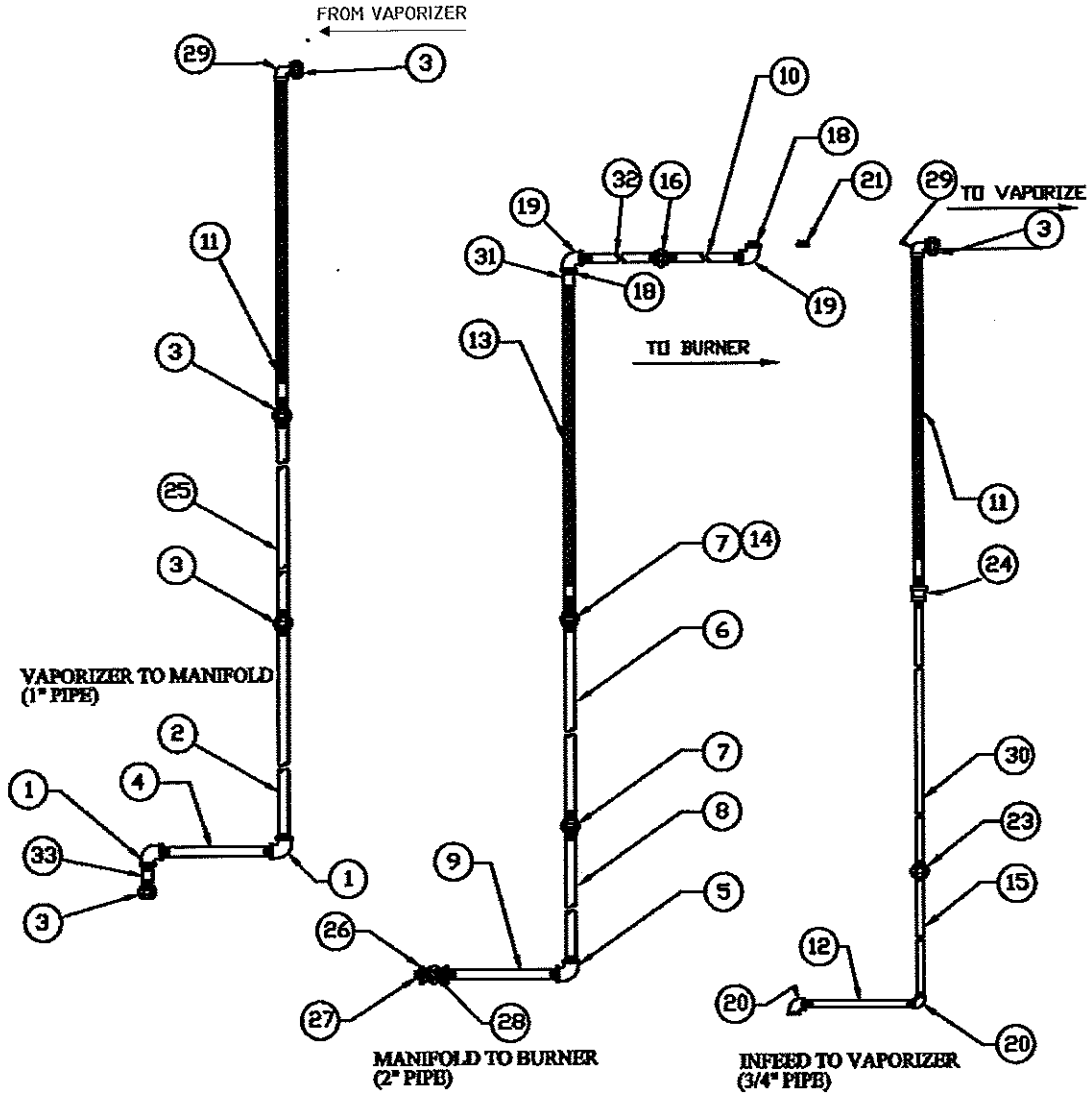
For Dryer Models Starting with S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1258026	2	1 X 90 DEG EXHVY ELBOW	16	1258154	1	1 1/2 XHVY UNION
2	476189	1	1" X 69" EX HVY BLK PIPE	17	1258143	1	1" X 64" EXHVY BLK PIPE-TC
3	1258031	3	1" EXHVY UNION	18	1208082	2	1 1/2 X 2 1/2 XHVY NIPPLE
4	1288090	1	1" X 22 " EXHVY BLK PIPE	19	1258158	2	1 1/2 XHVY X 90D ELBOW
5	1258159	1	2" X 90-DEGREE XHVY ELBOW	20	1218027	2	3/4" X 90 DEGREE EXHVY EL-MC#475136
6	1252568	1	2" X 32" EX HVY NIPPLE	21	1287521	1	1-1/2" PIPE PLUG
7	1238076	2	2" EXHVY UNION	22	1258144	1	3/4" X 64" EXHVY BLK PIPE TWIN CITY
8	1252569	1	2" X 60" EX HVY NIPPLE	23	1218072	1	3/4 EXHVY BLK UNION 300#
9	1252570	1	2" X 25" EX HVY NIPPLE	24	1288084	1	1" - 3/4" XHVY. RED. COUPLING
10	1252564	1	1 1/2" X 20" EX HVY NIPPLE	25	1258155	1	2" X 2" X 2" XHVY TEE
11	475706	2	1" X 2' STAINLS BRAIDED FLEXHOSE	26	1258054	1	2" PIPE PLUG
12	1218009	1	3/4 X 24 3/4 EXHVY NIPL	27	1278079	1	2" CLOSE EXHVY PIPE NIPPLE
13	475849	1	1 1/2 X 3'STAINLESS BRAID FLEXHOSE	28	475128	2	1" X 90 DEG EXHVY UNION ELBOW
14	1258157	1	2 TO 1 1/2 XHVY RED BSHG	29	1252565	1	1 1/2" X 12" EXHVY NIPPLE
15	476188	1	3/4 X 70 EXHVY BLK PIPE	30	1258160	1	1-1/2 XHVY. PIPE COUPLING
				31	1258161	1	1" X 3" EX HVY NIPPLE

101275 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

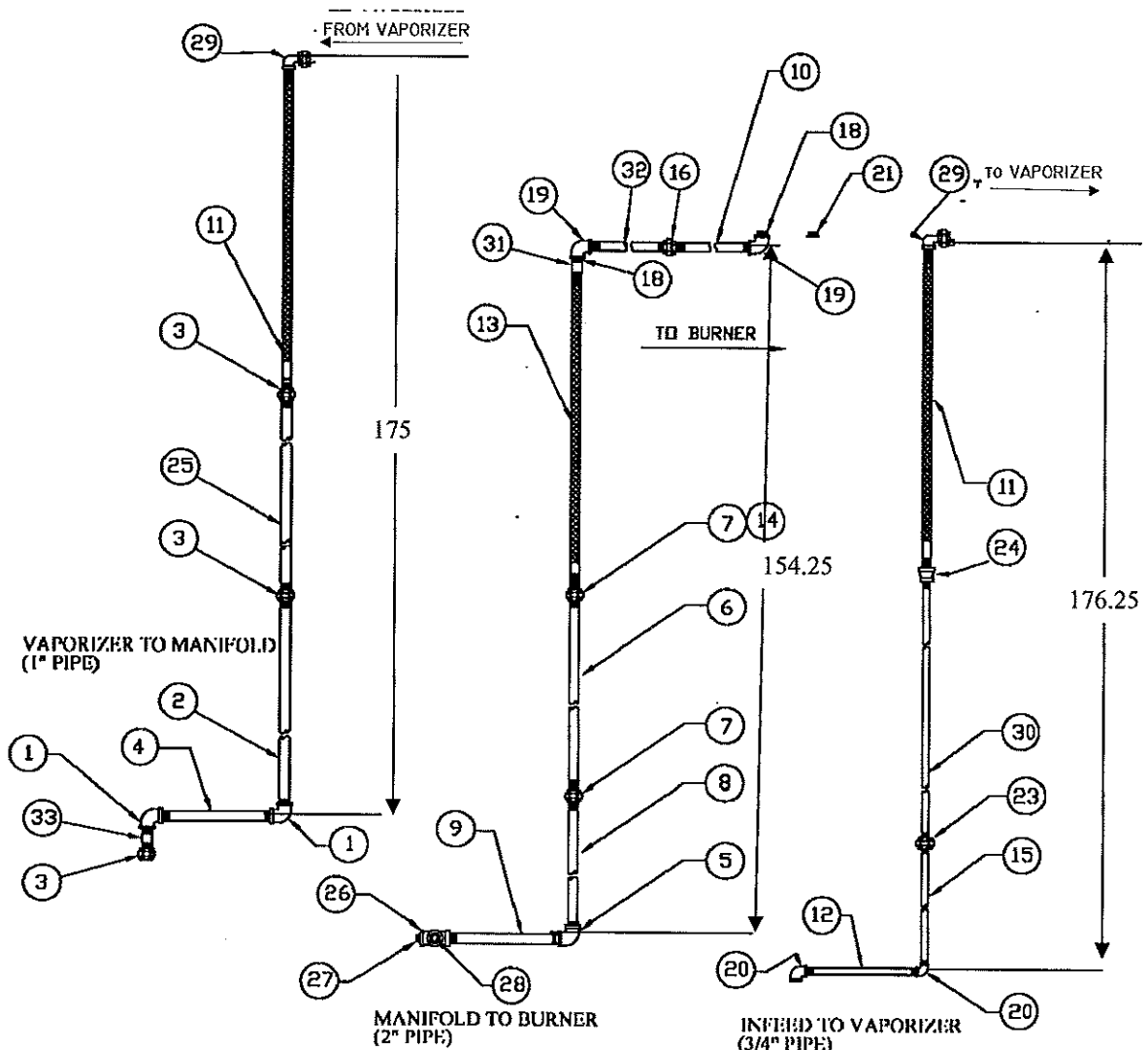
For Dryer Models Built Prior to S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1258026	2	1 X 90 DEG EXHVVY ELBOW	18	1258077	2	1 1/2 X CLOSE STD NIPL #096108
2	1258140	1	1" X 77" EXHVVY BLK PIPE	19	1258076	2	1 1/2 STD X 90D ELBOWZ-MC#095428
3	1258031	5	1" EXHVVY UNION	20	1218027	2	3/4 X 90 DEGREE EXHVVY EL-MC# 475136
4	1288093	1	1" X 21 1/2" EXHVVY BLK PIPE	21	1287521	1	1-1/2" PIPE PLUG
5	1288070	1	2" X 90-DEGREE ELBOW	22			
6	476186	1	2 X 49" BLK PIPE	23	1218072	2	3/4 EXHVVY BLK UNION 300#
7	1258032	2	2" STD UNION	24	1288084	1	1-3/4" XHVVY. RED. COUPLING
8	1258104	1	2 X 60" BLK PIPE	25	476178	1	1" X 70" EXHVVY BLK PIPE
9	1258021	1	2 X 24 STD PIPE	26	1258107	1	2" X 2" X 2" STD TEE
10	1258105	1	1 1/2" X 20" STD NIPPLE	27	1258054	1	2" PIPE PLUG
11	475706	2	1" X 2' STAINLS BRAIDED FLEXHOSE	28	1287523	1	2" CLOSE STD PIPE NIPPLE
12	1218012	1	3/4 X 26 1/4 EXHVVY NIPPLE	29	1258107	2	1 X 90 DEG EXHVVY ELBOW
13	475849	1	1-1/2" X 3' STAINLESS BRAID FLEXHOSE	30	476179	1	3/4" X 72" EXHVVY PIPE
14	1258034	1	2 TO 1 1/2 STD RED BSHG	31	096024	1	1-1/2 STD. PIPE COUPLING
15	1218111	1	3/4" X 79" EXHVVY PIPE	32	476181	1	1 1/2" X 12" STD NIPPLE
16	12580791	1	1 1/2 STD UNION-MC#096143	33	096095	1	1 X 3" SCH40 BLAC

101275 LIQUID PROPANE VAPORIZER & BURNER STAND PIPE ASSEMBLIES

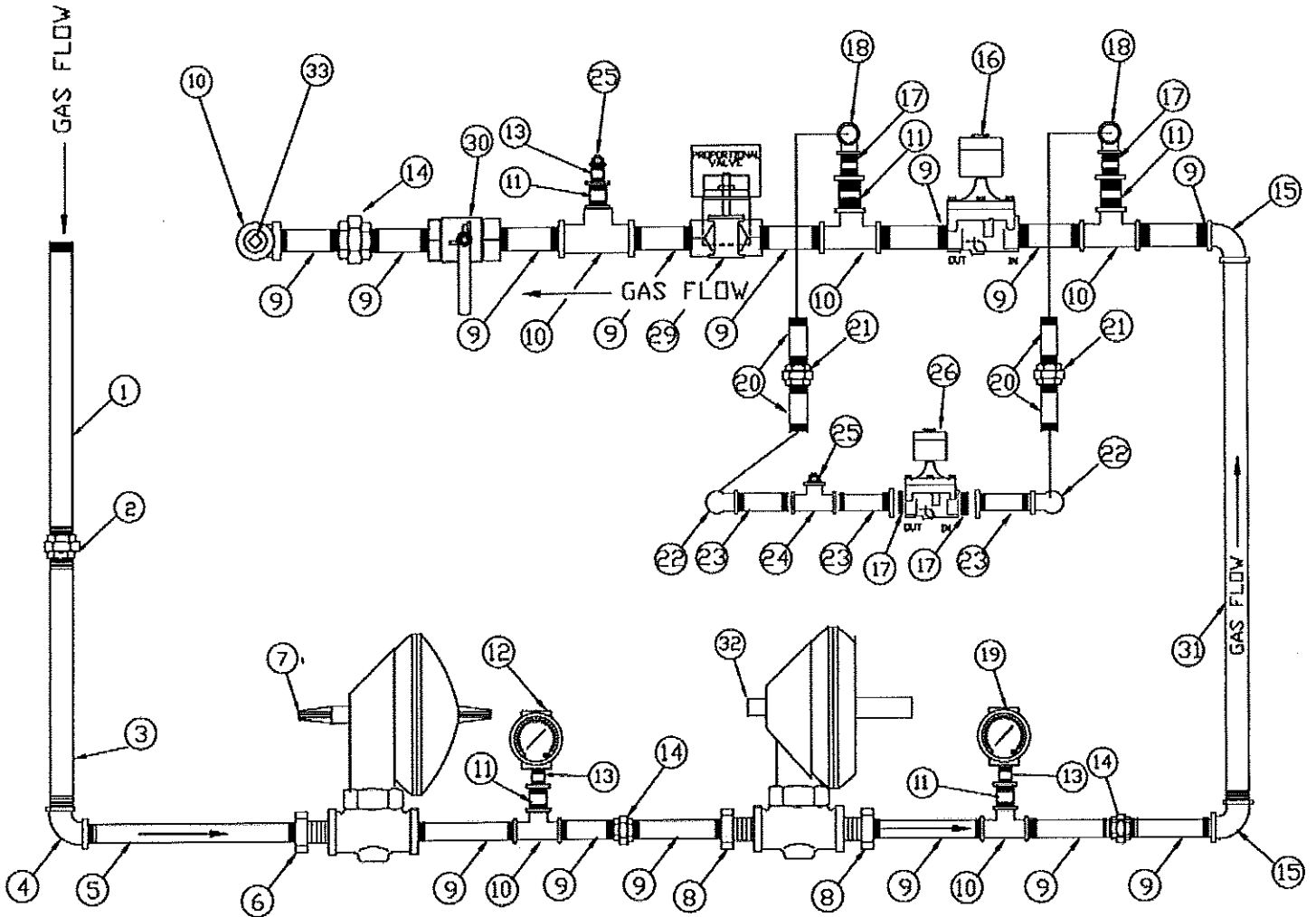
For Dryer Models Starting With S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1258026	2	1 X 90 DEG EXHVVY ELBOW	18	1208082	2	1 1/2 X 2 1/2 XHVVY NIPPLE
2	1258140	1	1" X 77" EXHVVY BLK PIPE	19	1258158	2	1 1/2 XHVVY X 90D ELBOW
3	1258031	3	1" EXHVVY UNION	20	1218027	2	3/4 X 90 DEGREE EXHVVY EL-MC#475136
4	1288093	1	1" X 21 1/2" EXHVVY BLK PIPE	21	1287521	1	1-1/2" PIPE PLUG
5	1258159	1	2" X 90-DEGREE XHVVY ELBOW	22			
6	1252571	1	2" X 49" EX HVY NIPPLE	23	1218072	1	3/4 EXHVVY BLK UNION 300#
7	1238076	2	2" EXHVVY UNION	24	1288084	1	1" - 3/4" XHVVY. RED. COUPLING
8	1252569	1	2" X 60" EX HVY NIPPLE	25	476178	1	1" x 70" EXHVVY BLK PIPE
9	1252570	1	2" X 25" EX HVY NIPPLE	26	1258155	1	2" X 2" X 2" XHVVY TEE
10	1252564	1	1 1/2" X 20" EX HVY NIPPLE	27	1258054	1	2" PIPE PLUG
11	475706	2	1" X 2' STAINLS BRAIDED FLEXHOSE	28	1278079	1	2" CLOSE EXHVVY PIPE NIPPLE
12	1218012	1	3/4 X 26 1/4 EXHVVY NIPL	29	475128	2	1" X 90 DEG EXHVVY UNION ELBOW
13	475849	1	1-1/2" X 3' STAINLESS BRAID FLEXHOSE	30	476179	1	3/4" X 72" EXHVVY PIPE
14	1258157	1	2 TO 1 1/2 XHVVY RED BSHG	31	1258160	1	1-1/2 XHVVY PIPE COUPLING
15	1218111	1	3/4" X 79" EXHVVY PIPE	32	1252565	1	1 1/2" X 12" EX HVY NIPPLE
16	1258154	1	1 1/2 XHVVY UNION	33	1258161	1	1" X 3" EX HVY NIPPLE
17							

10520 - 10840 LIQUID PROPANE GAS MANIFOLD ASSEMBLY

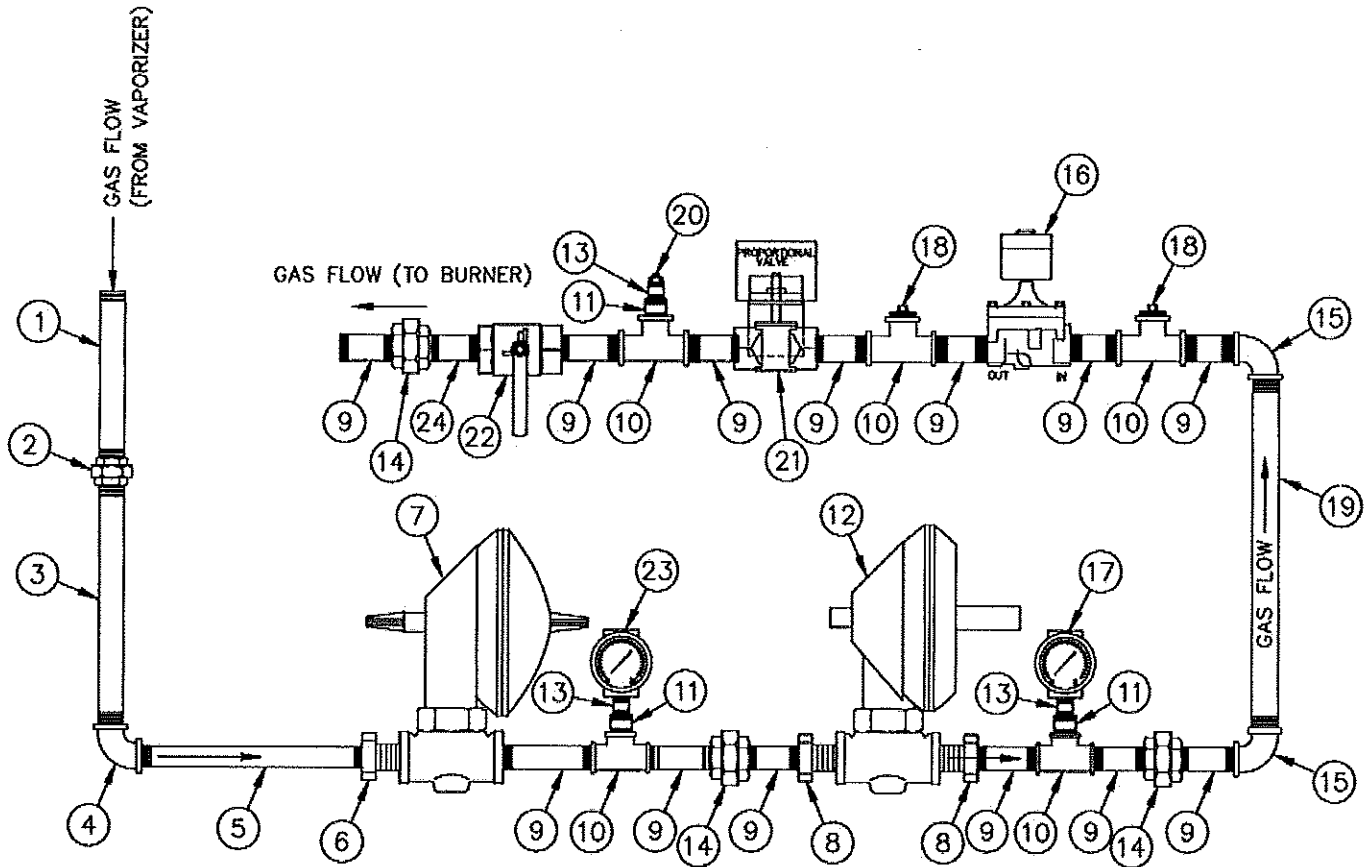
For Dryers Built Prior to S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
1	1288043	1	1 X 6 EXHVY NIPL	18	1285467	2	3/8" X 90DEG ST ELBOW
2	1258031	1	1" EXHVY UNION	19	1207007	1	GAS PRESS.GAUGE- 0-3
3	1288099	1	1" X 9" EXHVY BLK PIPE	20	1285463	4	3/8" X 2" STD NIPPLE
4	1258026	1	1 X 90 DEG EXHVY ELBOW	21	1285469	2	3/8" UNION
5	1258025	1	1 1/2 X 12 EX HVY NIPL	22	1285468	2	3/8" X 90-DEG ELBOW
6	1238002	1	1 1/2 X 1 REDUCING BSHG	23	1285462	3	3/8" X 1 1/2" STD NIPPLE
7	475481	1	1 1/2" LP REGULATOR	24	1285471	1	3/8" X 3/8" X 1/4" TEE
8	1258034	2	2 TO 1 1/2 STD RED BSHG	25	1258066	2	1/4 STD BLK PIPE PLUG-MC#096184
9	1258077	14	1 1/2 CLOSE STD NIPL	26	1217002	1	3/4 SOLENOID VALVE -115V
10	1258078	6	1 1/2 STD TEE-MC#096137	27			N/A
11	475559	5	1 1/2" TO 3/4" RED. BUSHING	28			N/A
12	1207008	1	GAS PRESS.GAUGE- 0-30PSI	29	1241676	1	1-1/2" PROPORTIONAL VALVE ASSY
13	1218030	3	3/4 TO 1/4 STD RED BSHG	30	1288086	1	1-1/2" HAND VALVE
14	1258079	3	1 1/2 STD UNION	31	1258102	1	1 1/2 X 13" STD NIPPLE
15	1258076	2	1 1/2 STD X 90D ELBOW-MC#095428	32	475823	1	2" LP & NATURAL GAS REGULATOR
16	444822	1	VALVE SOLENOID 1-1/2" ASCO	33	1287521	1	1-1/2" PIPE PLUG
17	1285465	4	3/4" X 3/8" HEX BUSHING	34	1218127	1	1 1/2X4 STD NIPPLE

10520 - 10840 LIQUID PROPANE GAS MANIFOLD ASSEMBLY

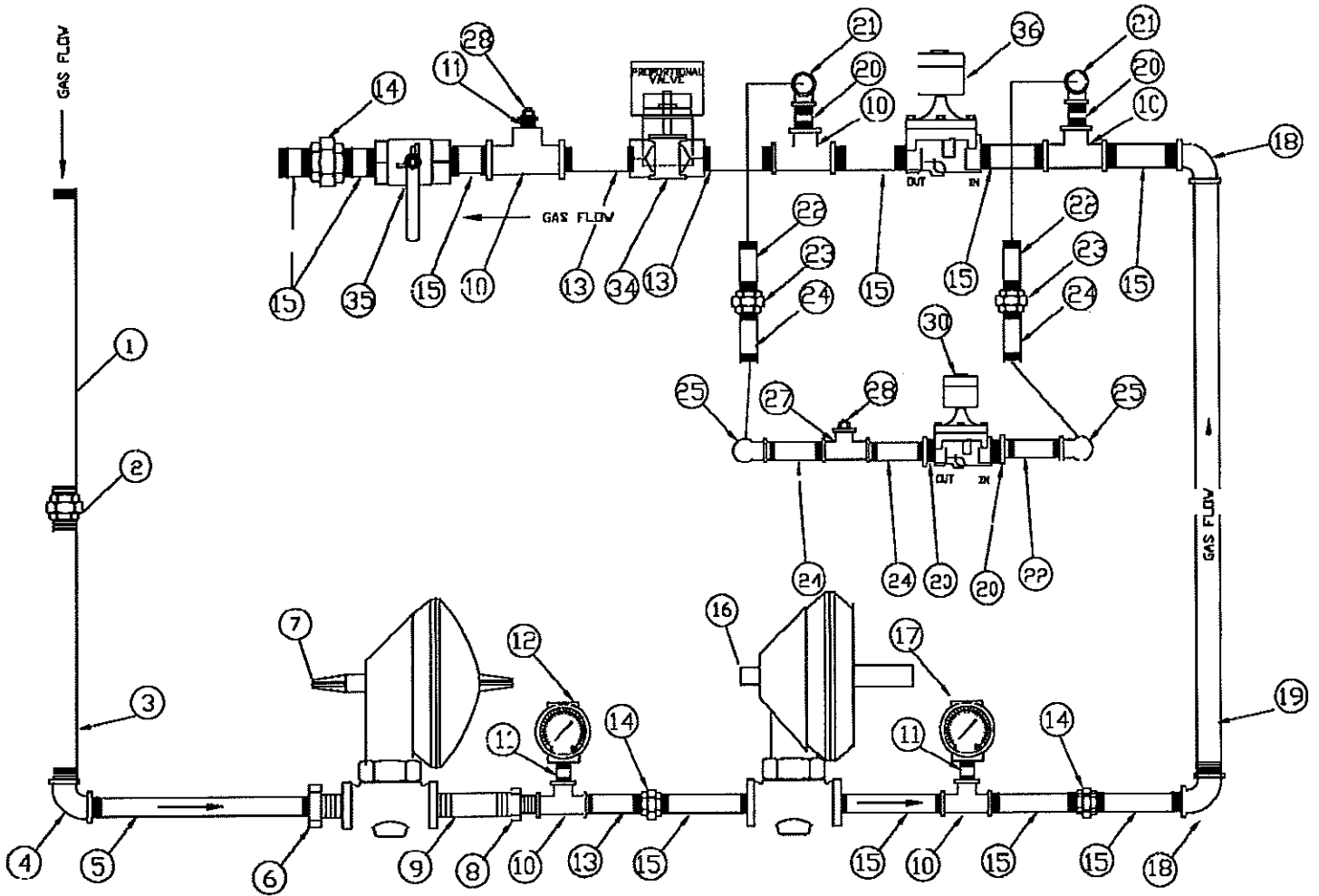
For Dryer Models Starting with S/N 59112



Ref. Part No	Qty.	Description	Ref. Part No	Qty.	Description
1	1288043	1 1 X 6 EXHVY NIPL	13	1218030	3 3/4 TO 1/4 STD RED BSHG
2	1258031	1 1" EXHVY UNION	14	1258079	3 1 1/2 STD UNION-MC#096143
3	1288099	1 1" X 9" EXHVY BLK PIPE	15	1258076	2 1 1/2 STD X 90D ELBOW-MC#095428
4	1258026	1 1 X 90 DEG EXHVY ELBOW	16	444822	1 VALVE SOLENOID 1-1/2" ASCO
5	1258161	1 1" X 3" EX HVY NIPPLE	17	1207007	1 GAS PRESS. GUAGE- 0-3
6	1238002	1 1 1/2 X 1 REDUCING BSHG	18	1287521	2 1-1/2" PIPE PLUG
7	475481	1 1 1/2" LP REGULATOR	19	1258102	1 1 1/2" X 13" STD BLACK PIPE
8	1258034	2 2 TO 1 1/2 STD RED BSHG	20	1258066	1 1/4 STD BLK PIPE PLUG-MC #096184
9	1258077	14 1 1/2 CLOSE STD NIPL #096108	21	1241676	1 1-1/2" PROPORTIONAL VALVE ASSY
10	1258078	6 1 1/2 STD TEE MC#096137	22	1288086	1 1-1/2" HAND VALVE
11	475559	5 1-1/2" TO 3/4" RED. BUSHING	23	1207008	1 GAS PRESS. GUAGE- 0-30PSI
12	475823	1 2" LP & NATURAL GAS REGULATOR	24	1218127	1 1 1/2 X 4 STD NIPPLE

101050 - 101275 LIQUID PROPANE GAS MANIFOLD ASSEMBLY

For Dryer Models Built Prior to S/N 59112

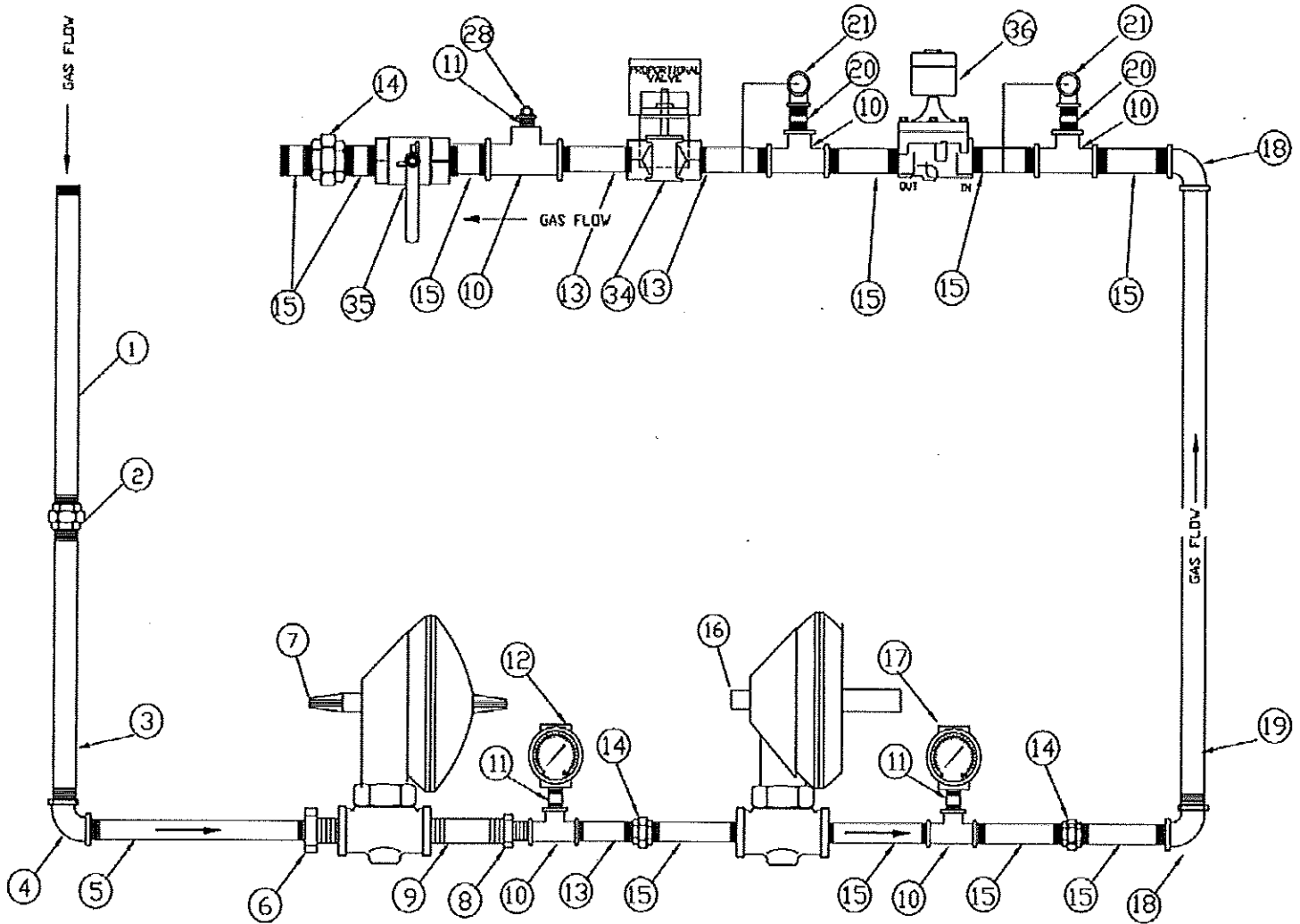


Ref.	Part No	Qty.	Description
1	1288043	1	1 X 6 EXHVY NIPL
2	1258031	1	1" EXHVY UNION
3	1258046	1	1 X 10" EXHVY NIPL
4	1258026	1	1 X 90 DEG EXHVY ELBOW
5	1258030	1	1 X CLOSE EXHVY NIPL-MC# 475119
6	1238002	1	1 1/2 X 1 REDUCING BSHG
7	475481	1	1 1/2" LP REGULATOR
8	1258034	3	2 TO 1 1/2 STD RED BSHG
9	1208082	1	1 1/2 X 2 1/2 XHVY NIPPLE
10	1208075	5	2" X 2" X 3/4" STD TEE
11	1218030	3	3/4 TO 1/4 STD RED BSHG
12	1207008	1	GAS PRESS.GAUGE- 0-30PSI
13	1208074	3	2" X 2 1/2" STD BLK NIPPLE
14	1258032	3	2" STD UNION
15	1287523	10	2" CLOSE STD PIPE NIPPLE
16	475823	1	2" LP & NATURAL GAS REGULATOR
17	1207007	1	GAS PRESS.GAUGE- 0-3
18	1288070	2	2" X 90-DEGREE ELBOW
19	1208073	1	2" X 13" STD BLK NIPPLE

Ref.	Part No	Qty.	Description
20	1285465	4	3/4" X 3/8" HEX BUSHING
21	1285467	2	3/8" X 90DEG ST ELBOW
22	1285463	3	3/8" X 2" STD NIPPLE
23	1285469	2	3/8" UNION
24	1285462	4	3/8" X 1 1/2" STD NIPPLE
25	1285468	2	3/8" X 90-DEG ELBOW
26			N/A
27	1285471	1	3/8" X 3/8" X 1/4" TEE
28	1258066	2	1/4 STD BLK PIPE PLUG-MC #096184
29			N/A
30	1217002	1	3/4 SOLENOID VALVE -115V
31			N/A
32			N/A
33			N/A
34	1241677	1	2" PROPORTIONAL VALVE ASSEMBLY
35	1288079	1	2" HAND VALVE
36	475831	1	2" SOLENOID VALVE

101050 - 101275 LIQUID PROPANE GAS MANIFOLD ASSEMBLY

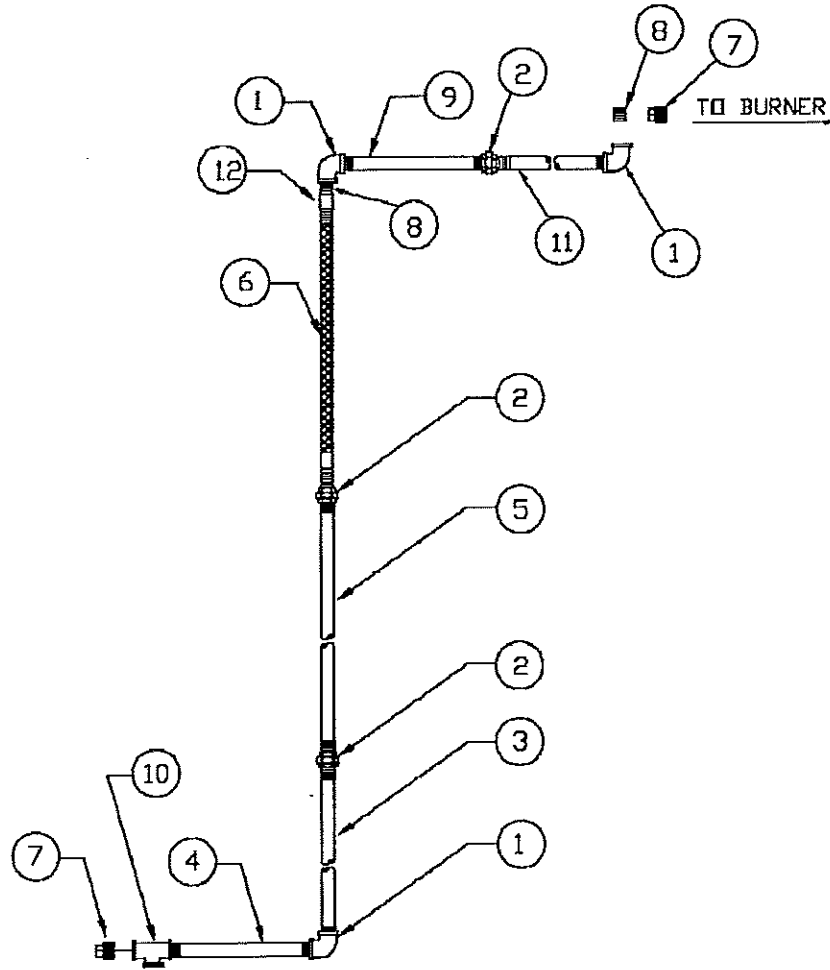
For Dryer Models Starting with S/N 59112



Ref.	Part No	Qty.	Description
1	1288043	1	1 X 6 EXHVV NIPL
2	1258031	1	1" EXHVV UNION
3	1258046	1	1 X 10" EXHV NIPL
4	1258026	1	1 X 90 DEG EXHVV ELBOW
5	1258030	1	1 X CLOSE EXHVV NIPL-MC #475119
6	1238002	1	1 1/2 X 1 REDUCING BSHG
7	475481	1	1 1/2" LP REGULATOR
8	1258034	3	2 X 1 1/2 STD RED BSHG
9	1208082	1	1 1/2 X 2 1/2 XHVV NIPPLE
10	1208075	5	2" X 2" X 3/4" STD TEE
11	1218030	3	3/4 TO 1/4 STD RED BSHG
12	1207008	1	GAS PRESS.GAUGE- 0-30PSI
13	1208074	3	2" X 2 1/2" STD BLK NIPPLE
14	1258032	3	2" STD UNION
15	1287523	10	2" CLOSE STD PIPE NIPPLE
16	475823	1	2" LP & NATURAL GAS REGULATOR
17	1207007	1	GAS PRESS.GAUGE- 0-3
18	1288070	2	2" X 90-DEGREE ELBOW
19	1208073	1	2" X 13" STD BLK NIPPLE

Ref.	Part No	Qty.	Description
20	1285465	4	3/4" X 3/8" HEX BUSHING
21	1285467	2	3/8" X 90DEG ST ELBOW
22			N/A
23			N/A
24			N/A
25			N/A
26			N/A
27			N/A
28	1258066	2	1/4 STD BLK PIPE PLUG-MC #096184
29			N/A
30	1217002	1	N/A
31			N/A
32			N/A
33			N/A
34	1241677	1	2" PROPORTIONAL VALVE ASSEMBLY
35	1288079	1	2" HAND VALVE
36	475831	1	2" SOLENOID VALVE

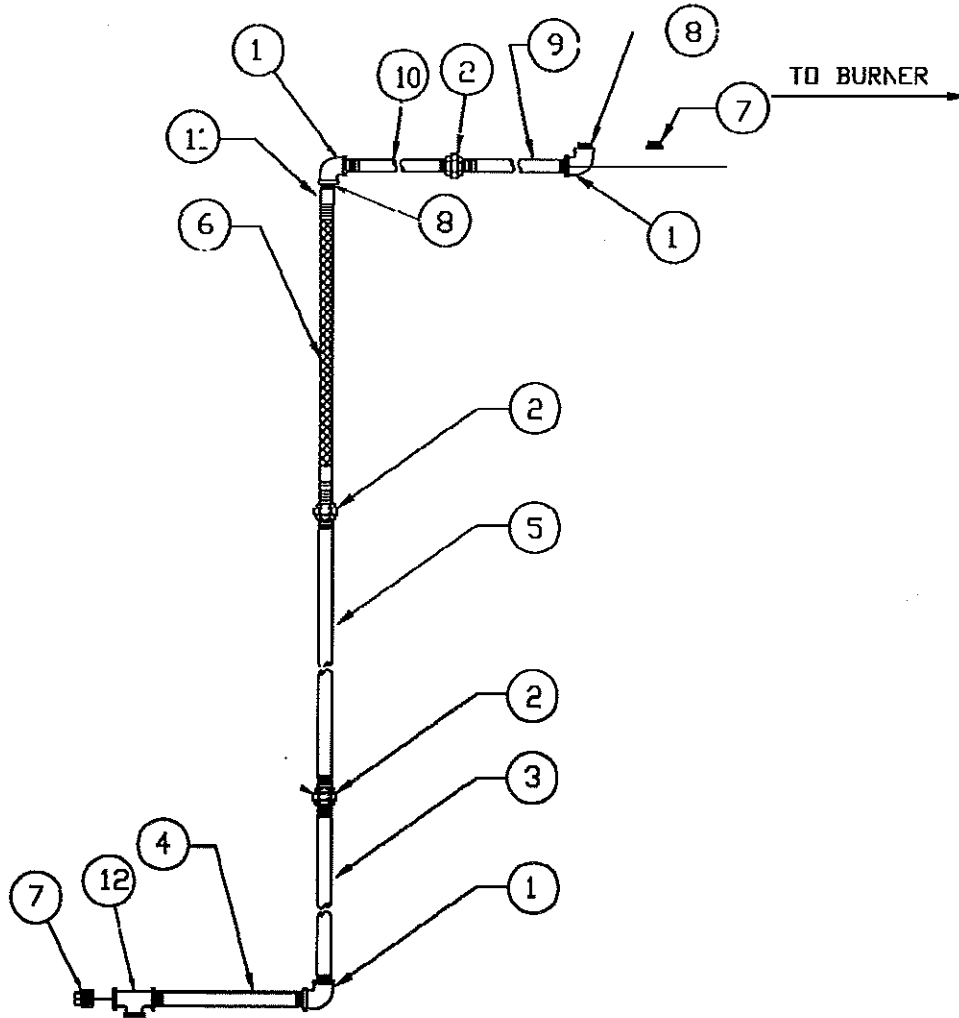
10520-10630 NATURAL GAS VAPORIZER & BURNER STAND PIPE ASSEMBLIES



MANIFOLD TO BURNER

Ref.	Part No	Qty.	Description
1	1258076	3	1 1/2 STD X 90D ELBOW-MC #095428
2	1258079	3	1 1/2 STD UNION-MC #096143
3	1258090	1	1 1/2 X 45 STD NIPL
4	1208079	1	1 1/2 X 24 " STD NIPL
5	476183	1	1 1/2" X 20" STD NIPPLE
6	475849	1	1-1/2" X 3' STAINLESS BRAID FLEXHOSE
7	1287521	2	1 1/2" PIPE PLUG
8	1258077	2	1 1/2 X CLOSE STD NIPL #096108
9	1258105	1	1 1/2" X 20" STD NIPPLE
10	1258078	1	1 1/2 STD TEE-MC #096137
11	476181	1	1 1/2" X 12" STD NIPPLE
12	096024	1	1-1/2 STD. PIPE COUPLING

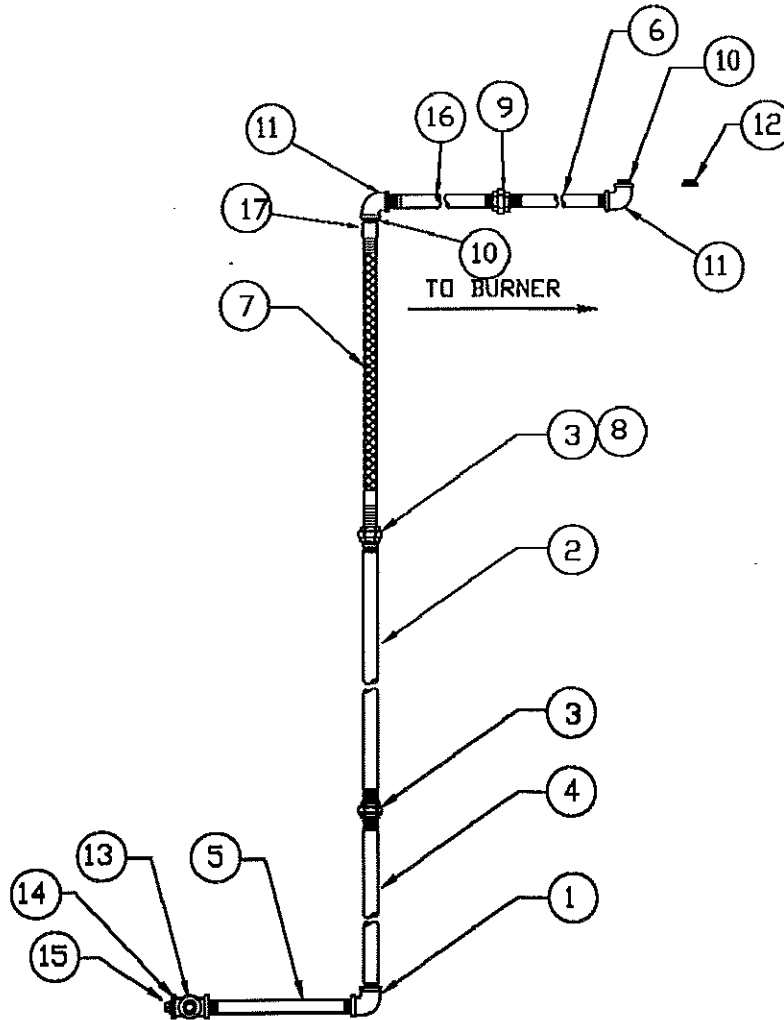
10730-10840 NATURAL GAS VAPORIZER & BURNER STAND PIPE ASSEMBLIES



MANIFOLD TO BURNER

Ref.	Part No	Qty.	Description
1	1258076	3	1 1/2 STD X 90D ELBOW-MC #095428
2	1258079	3	1 1/2 STD UNION-MC # 096143
3	1258090	1	1 1/2 X 45 STD NIPL
4	1208079	1	1 1/2 X 24" STD NIPL
5	476182	1	1 1/2" X 30" STD NIPPLE
6	475849	1	1-1/2" X 3' STAINLESS BRAID FLEXHOSE
7	1287521	2	1-1/2" PIPE PLUG
8	1258077	2	1 1/2 X CLOSE STD NIPPLE #096108
9	1258138	1	1 1/2" X 19" STD NIPPLE
10	476181	1	1 1/2" X 12" STD NIPPLE
11	096024	1	1-1/2 STD. PIPE COUPLING
12	1258078	1	1 1/2 STD TEE-MC #096137

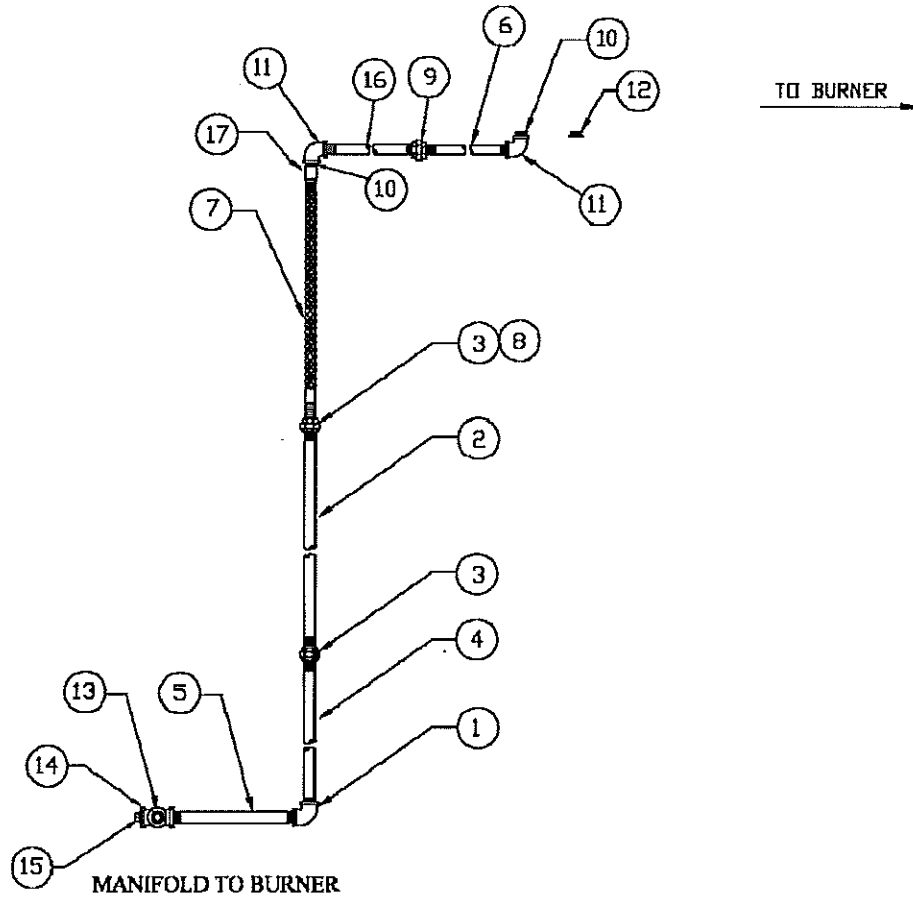
101050 NATURAL GAS VAPORIZER & BURNER STAND PIPE ASSEMBLIES



MANIFOLD TO BURNER

Ref.	Part No	Qty.	Description
1	1288070	1	2" X 90-DEGREE ELBOW
2	476180	1	2 X 32 STD BLK PIPE NIPPLE
3	1258032	2	2" STD UNION
4	1258104	1	2 X 60" BLK PIPE
5	1258145	1	2 X 25" STD BLK PIPE
6	1258105	1	1 1/2" X 20" STD NIPPLE
7	475849	1	1 1/2" X 3' STAINLESS BRAID FLEXHOSE
8	1258034	1	2 TO 1 1/2 STD RED BSHG
9	1258079	1	1 1/2 STD UNION-MC #096143
10	1258077	2	1 1/2 X CLOSE STD NIPPLE #096108
11	1258076	2	1 1/2 STD X 90D ELBOW-MC #095428
12	1287521	1	1-1/2" PIPE PLUG
13	1287523	1	2" CLOSE STD PIPE NIPPLE
14	1258107	1	2" X 2" X 2" STD TEE
15	1258054	1	2" PIPE PLUG
16	476181	1	1 1/2" X 12" STD NIPPLE
17	096024	1	1-1/2 STD. PIPE COUPLING

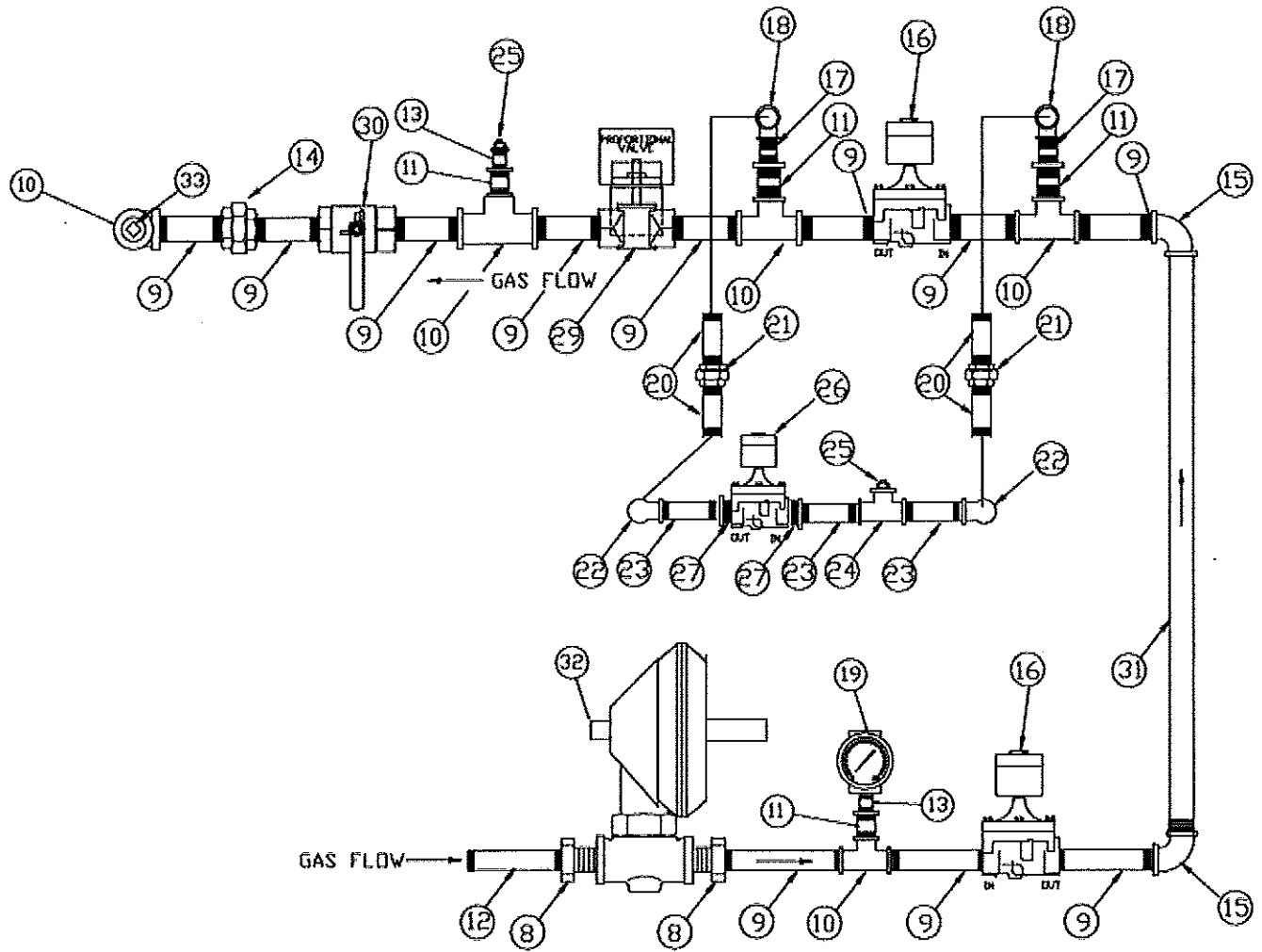
101275 NATURAL GAS VAPORIZER & BURNER STAND PIPE ASSEMBLIES



Ref.	Part No	Qty.	Description
1	1288070	1	2" X 90-DEGREE ELBOW
2	476186	1	2 X 49" BLK PIPE
3	1258032	2	2" STD UNION
4	1258104	1	2" X 60" BLK PIPE
5	1258145	1	2 X 25" STD BLK PIPE
6	1258105	1	1-1/2" X 20" STD NIPPLE
7	475849	1	1 1/2" X 3' STAINLESS BRAID FLEXHOSE
8	1258034	1	2 TO 1 1/2 STD RED BSHG
9	1258079	1	1 1/2 STD UNION-MC #096143
10	1258077	2	1 1/2 X CLOSE STD NIPL #096108
11	1258076	2	1 1/2 STD X 90D ELBOW-MC #095428
12	1287521	1	1-1/2" PIPE PLUG
13	1287523	1	2" CLOSE STD PIPE NIPPLE
14	1258107	1	2" X 2" X 2" STD TEE
15	1258054	1	2" PIPE PLUG
16	476181	1	1 1/2" X 12" STD NIPPLE
17	096024	1	1-1/2 STD. PIPE COUPLING

10520—10840 NATURAL GAS MANIFOLD ASSEMBLY

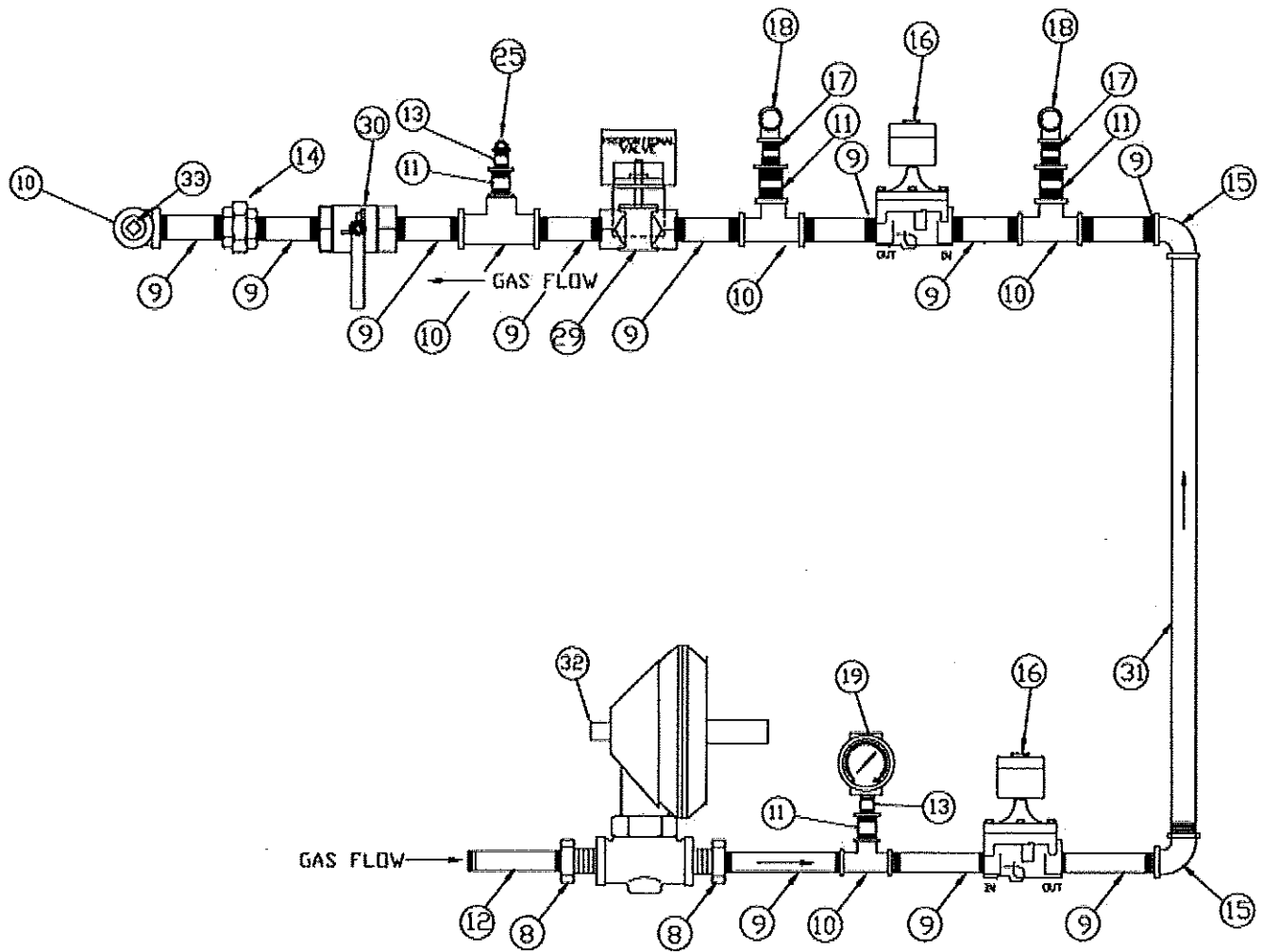
For Dryers Built Prior to S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
8	1258034	2	2 TO 1 1/2 STD RED BSHG	21			
9	1258077	11	1 1/2 CLOSE STD NIPL #096108	22			
10	1258078	5	1 1/2 STD TEE-MC #096137	23			
11	475559	4	1-1/2" TO 3/4" RED. BUSHING	24			
12	1208082	1	1 1/2 X 2 1/2 XHVV NIPPLE	25			
13	1218030	2	3/4 TO 1/4 STD RED BSHG	26			
14	1258079	1	1 1/2 STD UNION-MC #096143	27			
15	1258076	2	1 1/2 STD X 90D ELBOW-MC #095428	28			
16	444822	2	VALVE SOLENOID 1 1/2" ASCO	29	1241676	1	1-1/2" PROPORTIONAL VALVE ASSY
17	1285465	2	3/4" X 3/8" HEX BUSHING	30	1288086	1	1-1/2" HAND VALVE
18	1285467	2	3/8" X 90DEG ST ELBOW	31	1258102	1	1 1/2 X 13" STD NIPL
19	1207007	1	GAS PRESS.GAUGE- 0-3	32	475823	1	2" LP & NATURAL GAS REGULATOR
20	1285463	4	3/8" X 2" STD NIPPLE	33	1287521	1	1-1/2" PIPE PLUG

10520—10840 NATURAL GAS MANIFOLD ASSEMBLY

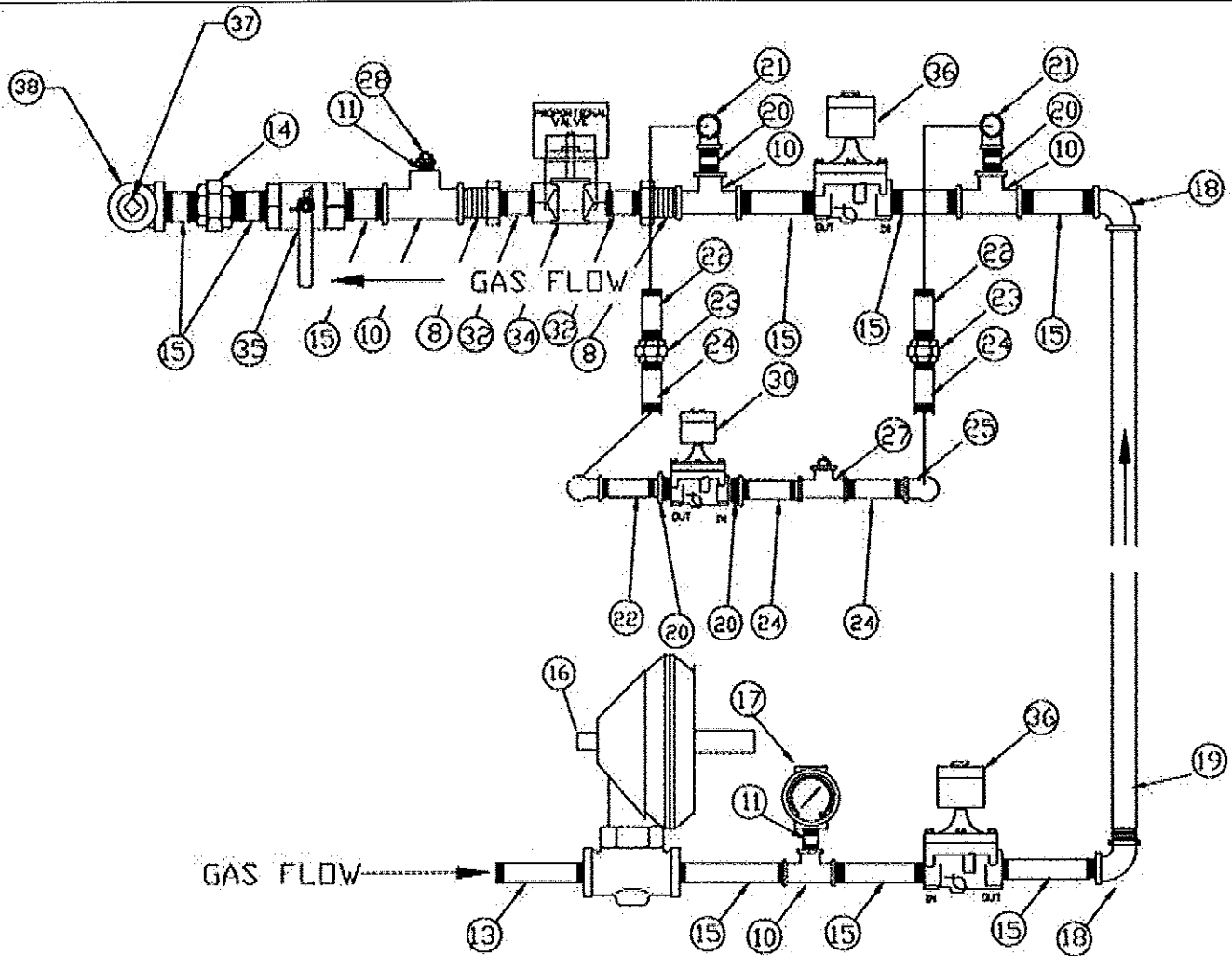
For Dryers Starting with S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
8	1258034	2	2 TO 1 1/2 STD RED BSHG	21			
9	1258077	11	1 1/2 CLOSE STD NIPL #096108	22			
10	1258078	5	1 1/2 STD TEE-MC #096137	23			
11	475559	4	1-1/2" TO 3/4" RED. BUSHING	24			
12	1208082	1	1 1/2 X 2 1/2 XHVY NIPPLE	25	1258066	2	1/4 STD BLK PIPE PLUG-MC #096184
13	1218030	2	3/4 TO 1/4 STD RED BSHG	26			
14	1258079	1	1 1/2 STD UNION-MC# 096143	27			
15	1258076	2	1 1/2 STD X 90D ELBOW-MC#095428	28			
16	444822	2	VALVE SOLENOID 1 1/2" ASCO	29	1241676	1	1-1/2" PROPORTIONAL VALVE ASSY
17	1285465	2	3/4" X 3/8" HEX BUSHING	30	1288086	1	1-1/2" HAND VALVE
18	1285467	2	3/8" X 90DEG ST ELBOW	31	1258102	1	1-1/2 X 13" STD NIPL
19	1207007	1	GAS PRESS.GAUGE- 0-3	32	475823	1	2" LP & NATURAL GAS REGULATOR
20				33	1287521	1	1-1/2" PIPE PLUG

101050 & 101275 LP GAS MANIFOLD ASSEMBLY

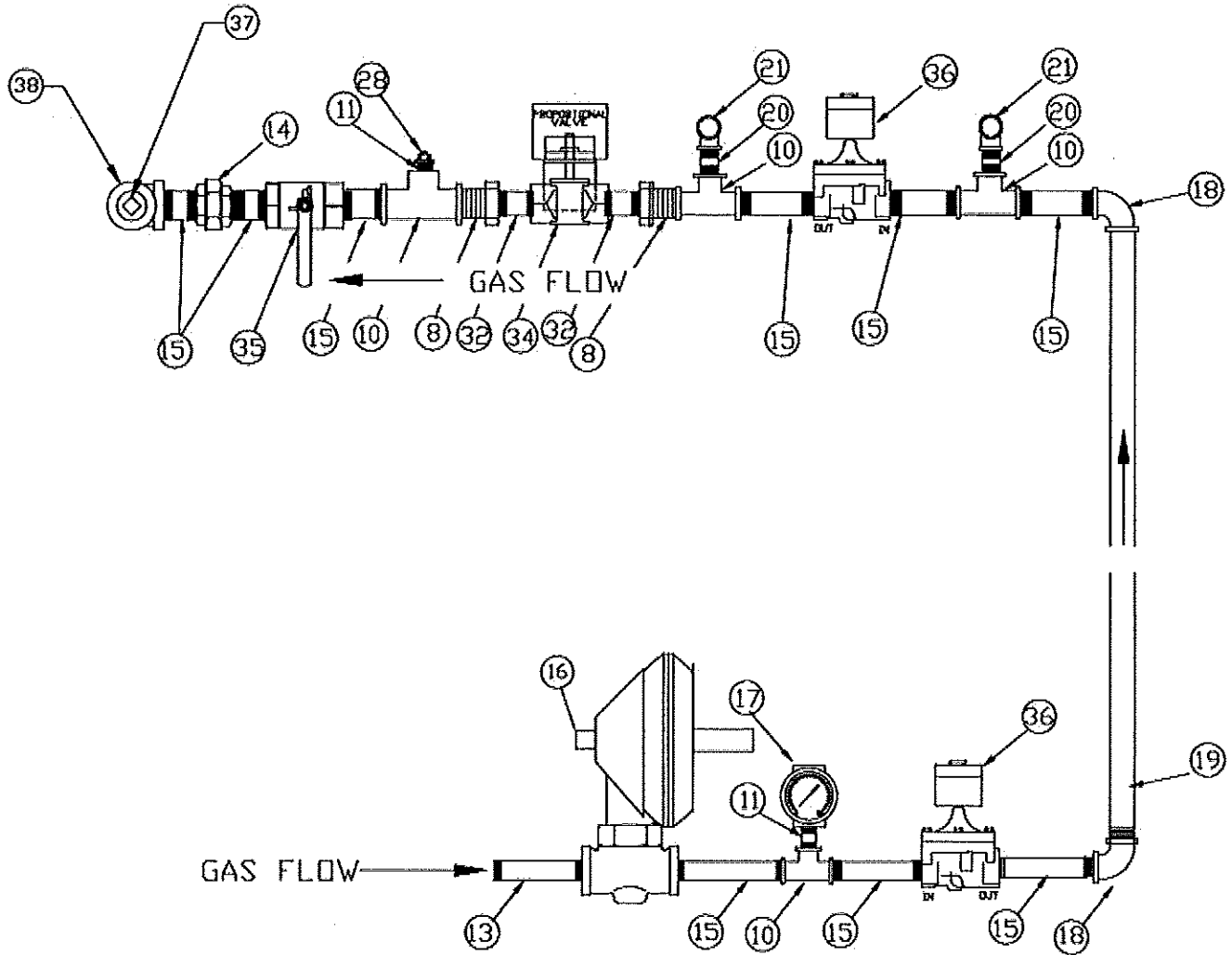
For Dryers Built Prior to S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
8	1258034	2	2 TO 1 1/2 STD RED BSHG	24	1285462	4	3/8" X 1 1/2" STD NIPPLE
9				25	1285468	2	3/8" 90-DEG ELBOW
10	1258075	4	3/4 x 1 1/2 EXH VY NIPL	26			
11	1218030	2	3/4 TO 1/4 STD RED BSHG	27	1285471	1	3/8" X 3/8" X 1/4" TEE
12				28	1258066	2	1/4" STD BLK PIPE PLUG-MC #096184
13	1278079	1	2" CLOSE EXHVY PIPE NIPPLE	29			
14	1258032	1	2" STD UNION	30	1217002	1	3/4 SOLENOID VALVE-115V
15	1287523	19	2" CLOSE STD PIPE NIPPLE	31			
16	475823	1	2" LP & NATURAL GAS REGULATOR	32	1258077	2	1 1/2 X CLOSE STD NIPL #096108
17	1207007	1	GAS PRESS. GAUGE- 0-3	33			
18	1288070	2	2" X 90-DEGREE ELBOW	34	1241677	1	2" PROPORTIONAL VALVE ASSY
19	1208073	1	2" X 13" STD BLK NIPPLE	35	1288079	1	2" HAND VALVE
20	1285465	4	3/4" X 3/8" HEX BUSHINGS	36	475831	2	2" SOLENOID VALVE
21	1285467	2	3/8" X 90 DEG ST ELBOW	37	1258054	1	2" PIPE PLUG
22	1285463	3	3/8" X 2" STD NIPPLE	38	1258107	1	2" X 2" X 2" STD TEE
23	1285469	2	3/8" UNION				

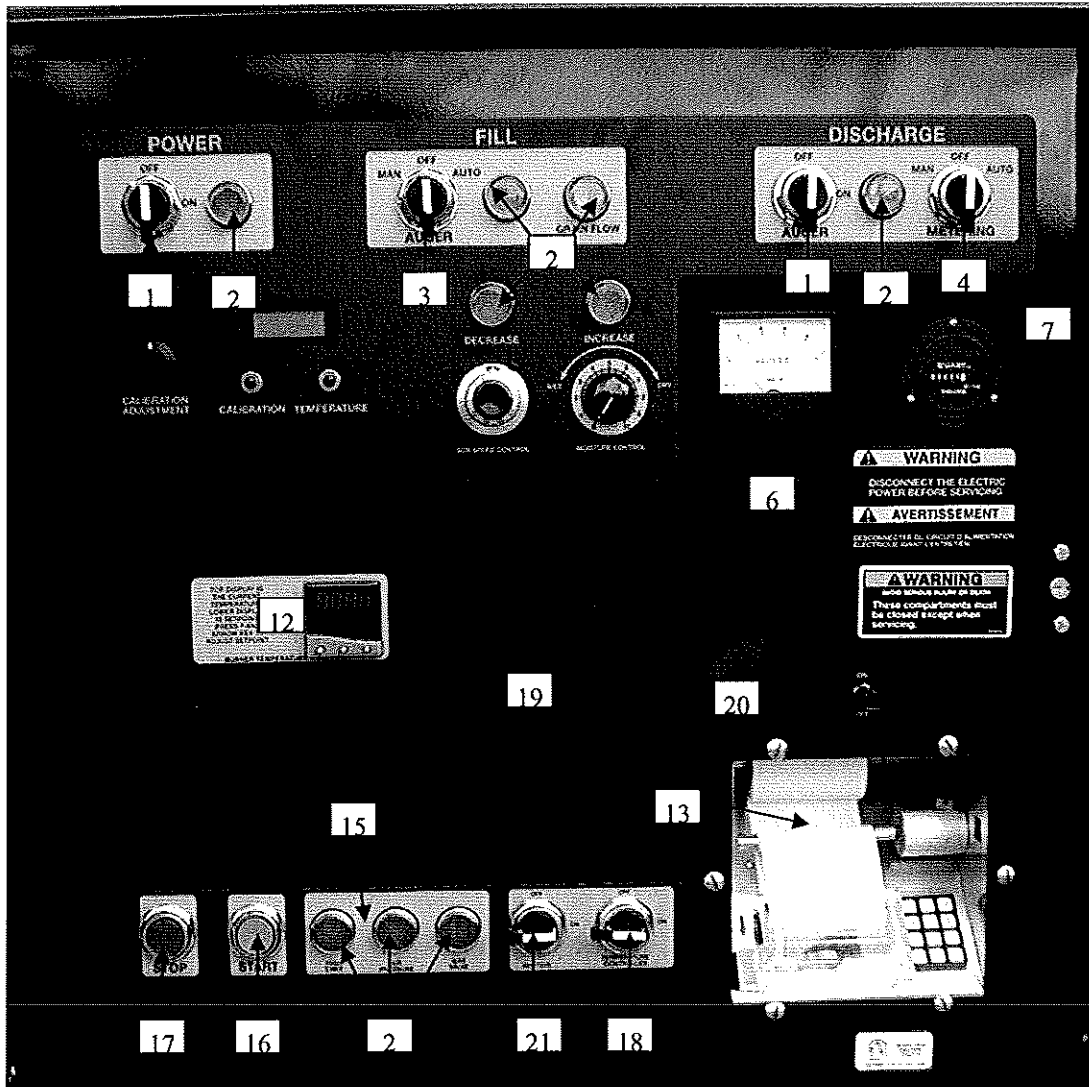
101050 & 101275 LP GAS MANIFOLD ASSEMBLY

For Dryers Starting with S/N 59112



Ref.	Part No	Qty.	Description	Ref.	Part No	Qty.	Description
8	1258034	2	2 TO 1 1/2 STD RED BSHG	23			
9				24			
10	1208075	4	2" X 2" X 3/4" STD TEE	25			
11	1218030	2	3/4 TO 1/4 STD RED BSHG	26			
12				27			
13	1278079	1	2" CLOSE EXHVY PIPE NIPPLE	28			
14	1258032	1	2" STD UNION	29			
15	1287523	19	2" CLOSE STD PIPE NIPPLE	30			
16	475823	1	2" LP & NATURAL GAS REGULATOR	32	1258077	2	1 1/2 X CLOSE STD NIPL #096108
17	1207007	1	GAS PRESS.GAUGE- 0-3	33			
18	1288070	2	2" X 90-DEGREE ELBOW	34	1241677	1	2" PROPORTIONAL VALVE ASSY
19	1208073	1	2" X 13" STD BLK NIPPLE	35	1288079	1	2" HAND VALVE
20	1285465	4	3/4" X 3/8" HEX BUSHING	36	475831	2	2" SOLENOID VALVE
21	1285467	2	3/8" X 90DEG ST ELBOW	37	1258054	1	2" PIPE PLUG
22				38	1258107	1	2" X 2" X 2" STD TEE

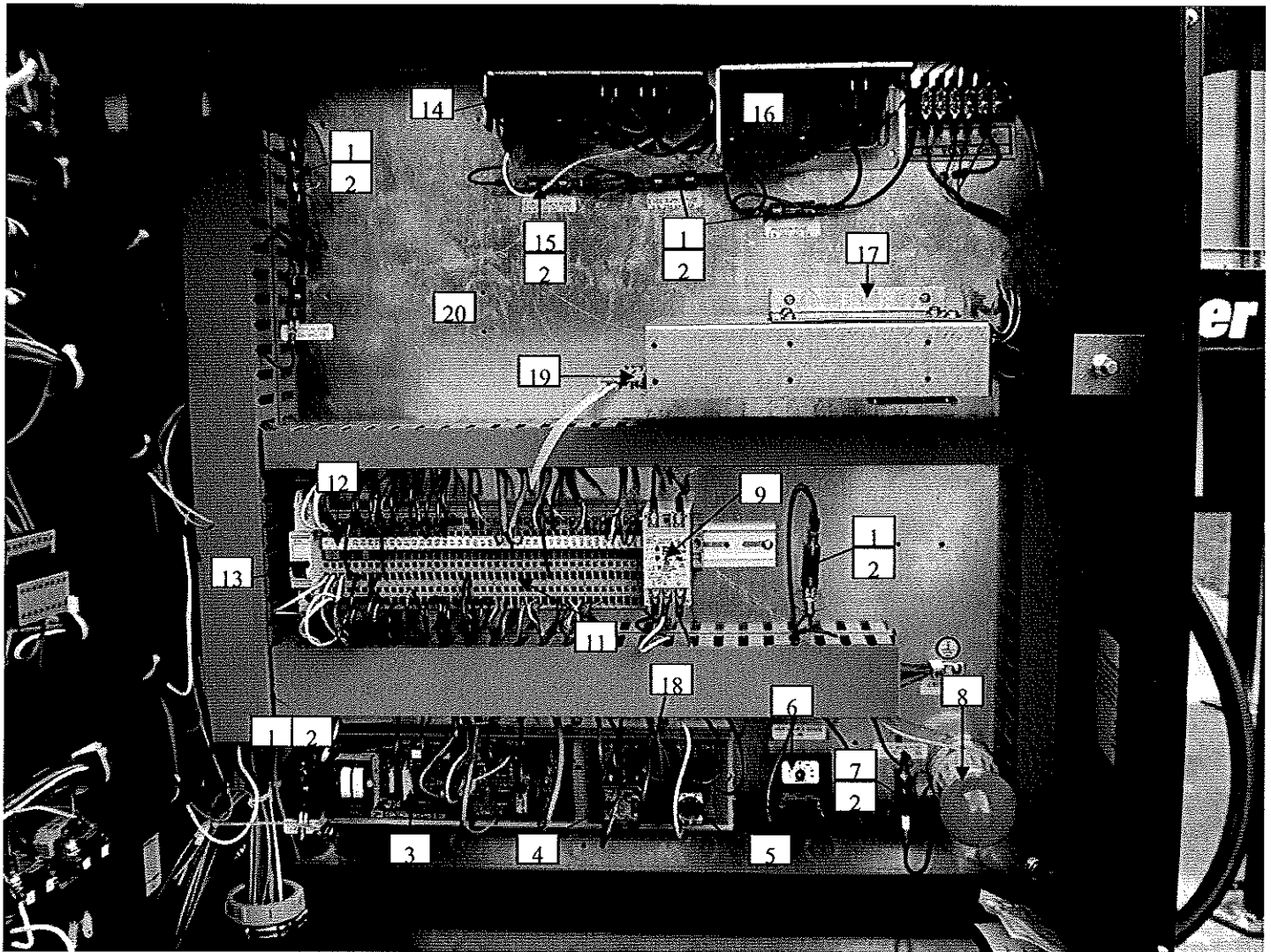
REMOTE CABINET BUTTONS, DIALS, LIGHTS, METERS & SWITCHES



Ref. Part No.	Qty.	Description	Ref. Part No.	Qty.	Description
1	125 6809 2	POWER ON-OFF/DISCHARGE SWITCH	15	1248304 1	FAN CONTROL BEZEL 2001 REMOTE FOR MODELS BUILT PRIOR TO S/N59112
2	125 6808 AR	L.E.D. LIGHT		1248341 1	TOWER FAN CONTROL BEZEL 2008
3	125 6810 1	LEVEL AUGER SWITCH	16	1286844 1	START BUTTON—GREEN
4	125 6811 1	MANUAL-AUTO SWITCH	17	1286845 1	STOP BUTTON—RED
5	122 7068 1	DIGITAL DISPLAY METER*	18	1256812 1	BURNER ON & HIGH/LOW SWITCH
6	125 6862 1	DC DISCHARGE METER 0-10 DC VLTS	19	1244891 1	30X30 DOOR 1-FAN CAL CONTROL
7	444645 1	METER—HOUR 115VAC 60HZ	20	1256839 1	PRINTER ON-OFF SWITCH
8	1227069 1	CALIBRATION POTENTIOMETER*		1288377 1	ON/OFF SWITCH DECAL
9	1256834 2	PUSH BUTTON SWITCH—MOMENTRY	21	1256813 1	BURNER SWITCH 2 POS NO/NC
10	1241266 1	SCR DRIVER 10-T POT. WWIRE 50"		1227073	WEATHER STATION SENSOR (Not Shown)*
	1246892 1	MULTIDIAL		1287016	MOISTURE MONITOR SENSOR
11	1246955 1	POT. 1TURN-1K 60" LEAD			
	1246941 1	KNOB (MOISTURE MATIC)			
12	1257038 1	CAL CONTROLLER 0-10VDC			
13	1227061 1	PRINTER PAPER ROLL*			
14	1248303 1	POWER CONTROL BEZEL 2001 REM.			

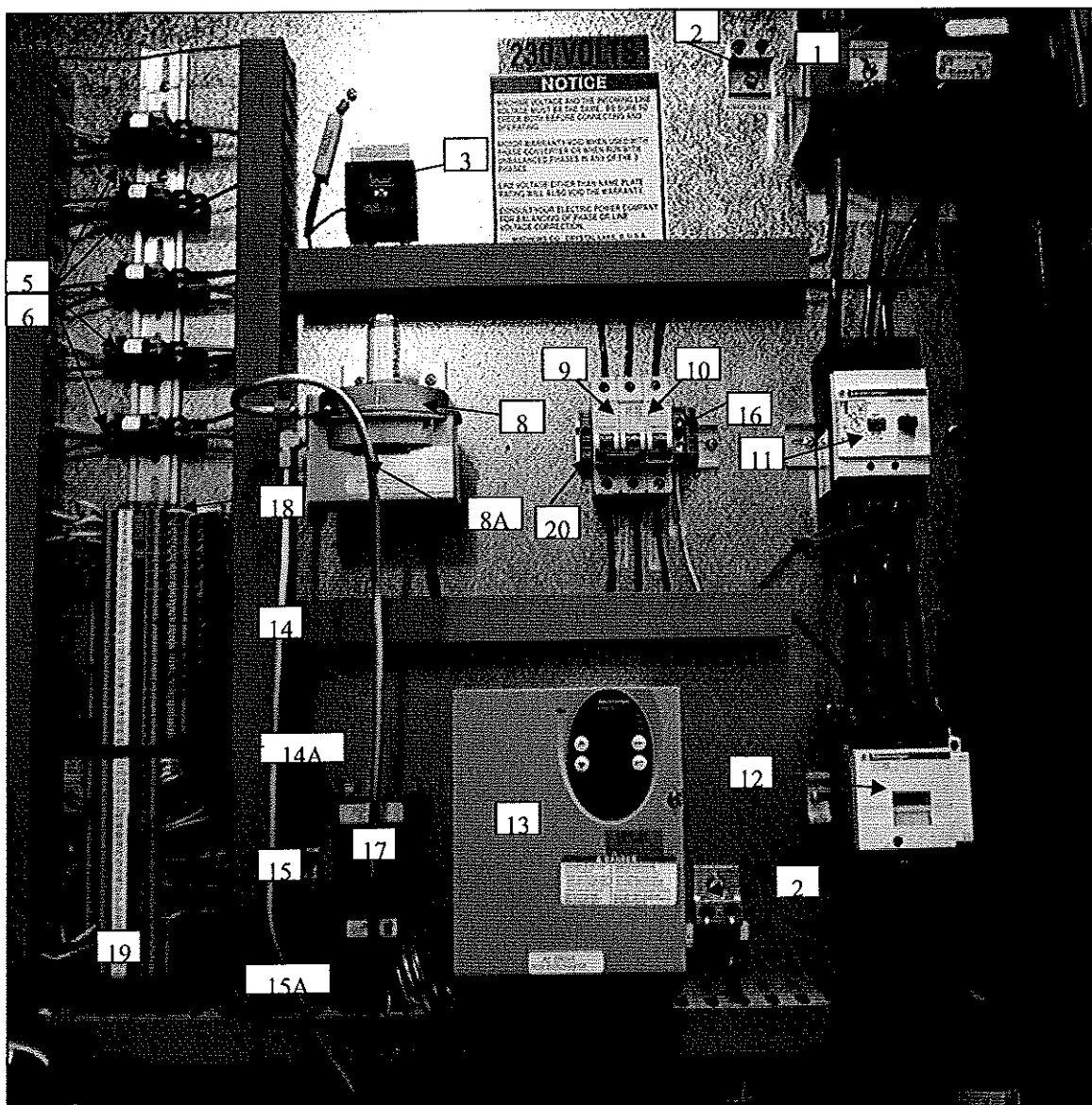
* Part of Moisture Monitor & Printer, P/N 1256816

REMOTE CABINET WIRING



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1256837	5	FUSE 1 AMP	12	1257007	5	TERMINAL CENTER JUMPER 6MM
2	1256836	8	IN-LINE FUSE HOLDER 45-DEG TAB	13	1257002	1	MINI CIRCUIT BREAKER 7AMP UL
3	1256892	1	M-C CONTROL BOARD 0-10	14	1227065	1	MONITOR POWER SUPPLY UNIT
4	0216809	1	MAIN RELAY, 3PDT 120V	15	1256838	1	FUSE 0.75 AMP
5	1246978	1	TIMER ADJ 0-60MIN 120V DPDT	16	1227070	1	PRINTER POWER SUPPLY UNIT
6	1246996	1	2-180SEC ADJ LEVEL TIMER	17	1242614	1	CIRCUIT BOARD BRACKET
7	1256861	2	FUSE 2 AMP	18	1247045	1	RELAY TIMER BOARD
8	1246842	1	50W RS LIGHT BULB	19	1227071	1	PRINTER CIRCUIT BOARD DEG-F
8	1246841	1	PORCELAIN LIGHT HOLDER	20	1227066	1	MONITOR CIRCUIT BOARD DEG-F (Not Shown)
9	445964	1	POWER SUPPLY-24 VOLT DC 7.5W	21	1244909	1	COMPONENT MOUNTING PANEL 27X27
10			N/A		1256975	1	GROUNDING LUG 6-14 AL9CU (Not Shown)
11	1257010	36	TERMINAL BLOCK, SPRING 3 WIRE		1237051	1	SWITCH SPDT 15AMP PUSH

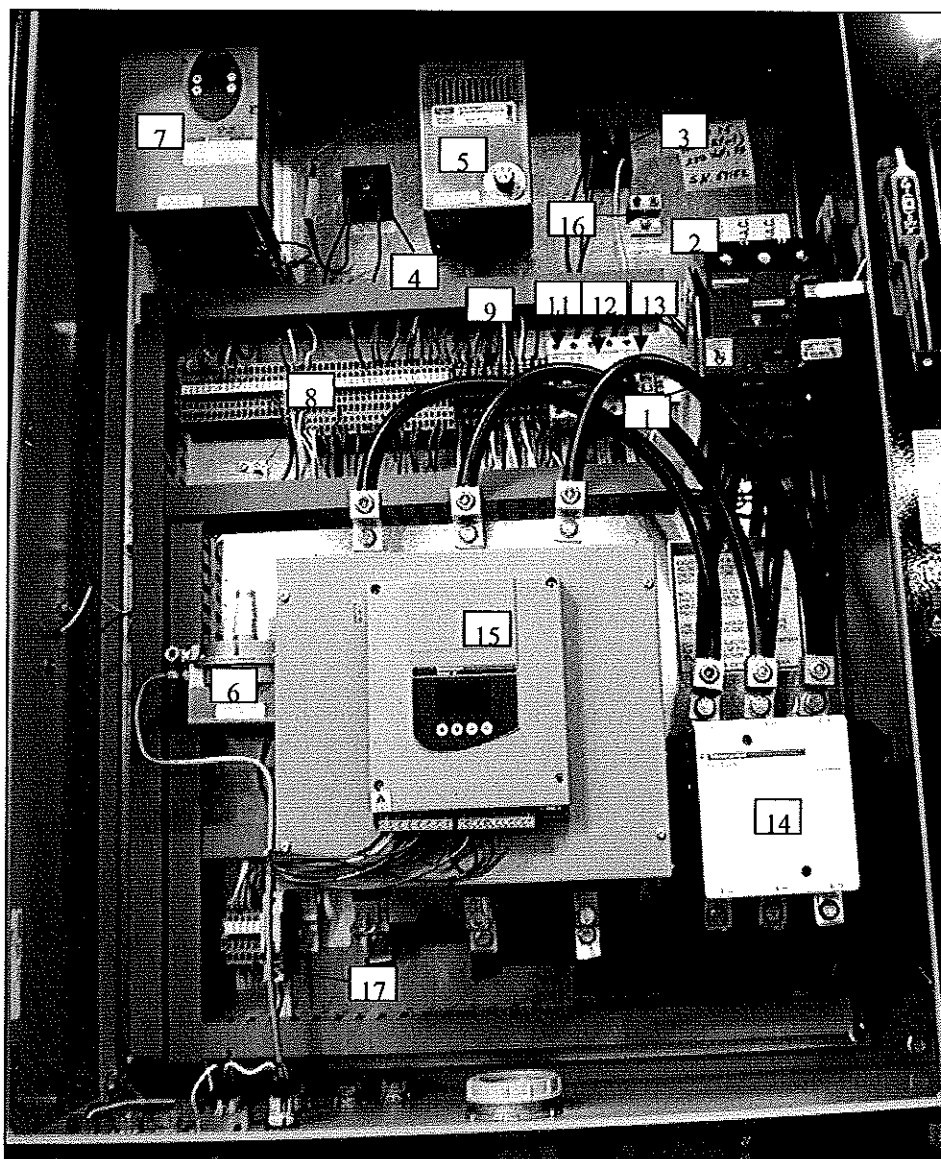
DIRECT START HIGH VOLTAGE CABINET



Ref. Part No.	Qty.	Description	Ref. Part No.	Qty.	Description
1	1	DISCONNECT*	14	1257010	TERMINAL BLOCK, SPRING 3 WIRE
	1	DISCONNECT MECHANISM	14A	1257011	1 TERMINAL END PLATE 3 WIRE
2	1256918	2 GROUNDING LUG	15	1257005	TERMINAL BLK, SPRNG 2 WIRE 6MM
3	1246831	1 TIMER -10 SEC.	15A	1257006	1 TERMINAL END PLATE SINGLE 6MM
3A	1276812	1 RESISTOR 10W-3K OHM CERAMIC	16	1257020	1 TERMINAL BLOCK, NEUTRAL 10MM
4	1246954	1 CUSTOMER FILL RELAY (Prior to 2008)			CONTROL-HIGH LIMITW/10' C (Not Shown)
5	1257036	5 RELAY, 2PDT 120V MINI	17	835916	1 Located in High Voltage Cabinet for 10520-10840 models. Located in Ignition Box for 101050 & 101275 models.
6	1257037	5 SOCKET FOR RELAY, 2PDT MINI	18	1257007	4 TERMINAL CENTER JUMPER 6MM
7			19	1257012	TERMINAL MARKER STRIP (OF 10)
8	1256994	1 AIR PRESSURE SWITCH UL/CGA			
9	1256990	1 MINI CIRCUIT BREAKER 30AMP 2POLE			
10	1256988	1 MINI CIRCUIT BREAKER 8AMP			
11		1 PROTECTOR*			
12		1 IEC CONTACTOR*			
13	1257022	1 AC DRIVE TV31 DISCHARGE			

*See Chart on p. 103 for appropriate Voltage, HP, and Part Number

SOFT STARTER HIGH VOLTAGE CABINET



Ref. Part No.	Qty.	Description	Ref. Part No.	Qty.	Description
1	1	DISCONNECT SWITCH*	9	1257036	6 RELAY, 2PDT 120V MINI
2	1	DISCONNECT MECHANISM		1257037	6 SOCKET FOR RELAY, 2PDT MINI
3	475482	1 3 SECOND TIMER 6AMP	11	1256990	1 MINI CIRCUIT BREAKER 30AMP 2POLE
4	1246831	1 TIMER—10 SEC.	12	1256993	1 MINI CIRCUIT BREAKER 4AMP 2POLE
4A	1276812	1 RESISTOR 10W-3K OHM CERAMIC	13	1256988	1 MINI CIRCUIT BREAKER 8AMP
5	1256974	1 ELECTRIC HEATING UNIT 230VOLT	14		1 CONTACTOR*
6	1256994	1 AIR PRESSURE SWITCH UL/CGA	15		1 SOFT STARTER 75 HP/230V*
7	1257022	1 AC DRIVE ATV31 DISCHARGE	16	1256918	2 GROUNDING LUG
8	1257010	1 TERMINAL BLOCK, SPRING 3 WIRE	17	1256998	1 MINI CIRCUIT BREAKER 1/2 AMP
	1257011	1 TERMINAL END PLATE, 3 WIRE			
	1257005	1 TERMINAL BLK, SPRNG 2 WIRE 6MM			
	1257006	2 TERMINAL END PLATE SINGLE 6MM			
	1257007	3 TERMINAL CENTER JUMPER 6MM			
	4906833	2 END RETAINERS FOR DIN RAIL			

*See Chart on p. 103 for appropriate Voltage, HP, and Part Number

208-VOLT 3-PHASE REQUIREMENTS

Motor HP	Contactora	Replacement Coil	Protector	Fault	Soft Starter	Disconnect	Mechanism
20 - IEC Set 63	1236952	1226932	1236964 40-63	1256866		1287517 150	1256945
30 - IEC Set 98	1236970	1226970	1236966 60-100	1256871	4906846	1287517 150	1256945
40 - IEC Set 128	1256858	1226970	1236967 90-150	1256871	1256969	1256927 250	1256947
50 - IEC Set 156	1256888	1226868	1256885 132-220	1256871	1256972	1256927 250	1256947
75 - IEC Set 222	4906853		1257046 200-330	1256871	4906840		

230-VOLT 3-PHASE REQUIREMENTS

Motor HP	Contactora	Replacement Coil	Protector	Fault	Soft Starter	Disconnect	Mechanism
20 - IEC Set 61	1236952	1226932	1236964 40-63	1256866		1287517 150	1256945
30 - IEC Set 88	1236970	1226970	1236966 60-100	1256871		1287517 150	1256945
40 - IEC Set 116	1256858	1226970	1236967 90-150	1256871	4906846	1256927 250	1256947
50 - IEC Set 142	1256858	1226970	1236967 90-150	1256871	1256969	1256927 250	1256947
75 - IEC Set 201	1256874	1226874	1256885 132-220	1256871	1257050	1256927 250	1256947

460-VOLT 3-PHASE REQUIREMENTS

Motor HP	Contactora	Replacement Coil	Protector	Fault	Soft Starter	Disconnect	Mechanism
20 - IEC Set 31	1236930	1226930	1236962 24-32	1256865		1256925 100	1256945
30 - IEC Set 44	1236932	1226932	1236964 40-63	1256866		1256925 100	1256945
40 - IEC Set 58	1236932	1226932	1236964 40-63	1256866		1287517 150	1256945
50 - IEC Set 71	1236953	1226932	1236965 48-80	1256871		1287517 150	1256945
75 - IEC Set 100	1236970	1226970	1236966 60-100	1256871	4906846	1287517 150	1256945

575-VOLT 3-PHASE REQUIREMENTS

Motor HP	Contactora	Replacement Coil	Protector	Fault	Mounting Adapter	Disconnect	Mechanism
20 - IEC Set 24.3	1236951	1226930	1236961 20-25	1256865	1256864	1256925 100	1256945
30 - IEC Set 32	1236930	1226930	1236962 24-32	1256865	1256864	1256925 100	1256945
40 - IEC Set 46	1236932	1226932	1236964 40-63	1256866		1256925 100	1256945
50 - IEC Set 60	1236952	1226932	1236964 40-63	1256866		1287517 150	1256945
75 - IEC Set 90	1236970	1226970	1236966 60-100	1256871		1287517 150	1256945



Iron Horse Quality