

Installation Manual



Grain Dryer

MODELS:

DP-DPSL-DPXSL-DPX4T-DPX8GT-DPX12GT-DPX16GT

Dryer Installation & Before Startup

The dryer is designed for minimal field erection time, depending on dryer model and associated sections. This may include assembly and installation of the garner bin.

Before Delivery

- 1) **Site selection:** **The dryer is not to be operated inside a building or enclosure.** Sufficient area around the dryer must be maintained to allow adequate air flow to supply the dryer and to allow exhausted air to escape freely to atmosphere. Do not operate dryer in an area where combustible materials can be drawn into the fans. Also consider the grain handling systems and the locations of storage bins and existing conveyors in selecting the dryer site. Refer to back page of brochure for general dimensions and specifications.
- 2) **The supply and take away systems** such as fill auger and unload augers should be of sufficient capacity to handle maximum load and unload requirements of each dryer. (Approximately two (2) times each dryer's rated capacity, based on five (5) point moisture removal is recommended.)
- 3) **Dryer is to be set permanently.** Delux maintains recommended foundation drawings for each dryer model that should be followed for new installations. If any doubt, consult local certified engineer for your specific application.
- 4) **Dryer must be level both lengthwise and crosswise at all times during the drying process or damage to the dryer will result.**
- 5) **Consult your local electrical power company for proper transformer sizing. Consult with your local electrician for installation of electrical service.**
- 6) **Consult your propane or natural gas service supplier for locating and sizing tank, meters and regulators.**

Electrical Hookup

- 1) **All dryers should be equipped with a power disconnect switch ahead of dryer control box to permit total power shut down before opening control box, as required for inspection and service. The power disconnect switch should also be located close to the dryer for quick shut down. Dryer service should be protected by means that will suffice local or state electrical codes.**
- 2) An adequate power supply, proper wire size and electrical grounding are important factors for maximum performance and long dryer life. Electrical service must be of adequate size to prevent low voltage damage to motors and control circuits. See table 2.1 for full load amps per dryer model.

- 3) Dryers are wired for one of the following voltage options: 230V single (1) phase, 208V, 240V, 380V, 415V, 480V or 575V three (3) phase operation. When only 240V single (1) phase power is available, a phase converter may be installed ahead of dryer to obtain three (3) phase power to operate 240V or 480V three (3) phase dryers.
- 4) All motors that are wired at the factory are phased together. If one motor runs backwards, they all will. Simply change the L1 & L3 wire leads around at the distribution block for proper rotation. **(Note: Control design requires wild leg to be connected to terminal "L2" on 240V three (3) phase dryers.)**
- 5) The rotation of the fans should be clockwise when looking at the burner downward.
- 6) Check fan motor current, discharge and leveling motor current before and after the dryer is filled with grain. Make certain the current draw on each motor is within the acceptable range.
- 7) The rotation of the discharge auger or drag conveyor should move the grain towards the exit for grain being discharged from the dryer.
- 8) The rotation of the leveling auger or conveyor should move in the direction that pulls grain away from the point of filling the grain dryer.
- 9) Auxiliary starting equipment is supplied as standard equipment. Refer to drawing for properly connecting and interlocking wet loading and dry unloading auxiliary starting equipment located in the electrical control panel. Make certain that the motor overload protection matches the motor being used.
- 10) **Make sure dryer is properly grounded.** A ground lug is provided near the main distribution block
- 11) **Have the power company or your local electrician check line voltage and amperage.** Make sure voltage drop is minimal.
- 12) Prior to running the dryer for the first time, make sure all field electrical connections have been terminated.

LP Fuel Systems

- 1) **Consult your local propane supplier for proper line sizing requirements and local gas codes.** Proper line and pressure requirements should be based off of maximum btu/hr consumption per dryer model. See table 2.2.
- 2) **Dryer must be started on vapor until internal vaporizer is warm, then switched to liquid. Tank must have both vapor and liquid draw available to dryer.**

The dryer is designed to operate on liquid propane drawn from the supply tank. However initial start-up **requires vapor** to be drawn from the tank to allow the dryer to start and warm up. Once the temperature inside the dryer has risen, you may switch over to liquid. Typically a "Y" is installed at the supply tank to feed either liquid or vapor to the LP inlet manifold of the dryer. In other instances running separate lines for both liquid and vapor may be appropriate.

- 3) Normal operating vapor pressure (on regulator) is 10-12 psi. **Do not exceed 20 psi.**
- 4) Before starting the dryer for the first time, make certain that all pipe unions and fittings are properly tightened both inside and outside of the dryer.
- 5) In some cases burner orifices may need to be resized to accommodate varying drying conditions.

E. NG Fuel Systems

- 1) **Consult your local gas supplier for proper line sizing requirements and local gas codes.** Proper line size and pressure requirements should be based on maximum BTU/HR consumption per dryer model. See table 2.2.
- 2) All natural gas dryers require a pressure regulator near the base of the dryer to minimize pressure fluctuations.
- 3) **Supply pressure to dryer fuel system must not exceed 20 psi.** Normal supply pressure to operate properly is 8-12 psi
- 4) Before starting the dryer for the first time, make certain that all pipe unions and fittings both inside and outside the dryer are properly tightened.
- 5) In some cases burner orifices may need to be resized to accommodate varying drying conditions.

Field Assembly & Erection

- 1) Unload dryer sections and inspect for damage during shipment. If the dryer has multiple sections, unload so that each section sets on level ground. Block and evenly distribute the weight of the sections at least every 5 feet for the length of the dryer.
- 2) Set the base of the dryer onto the concrete foundation pad. Measure the placement precisely so that the fuel, electricity, load and unload points of the dryer meet where they had been planned for prior. Install the optional leg kit to the bottom frame angle of the dryer and secure. Then secure the leg kit to the foundation.
- 3) When needed, assemble the garner bin using drawing (900-009194). Assemble the garner bin on a flat surface at ground level. Use the lifting eyelets to raise the

assembled garner bin to the top of the dryer (roof) and secure. Variations in dryer models may result in your specific garner bin looking a bit different from the drawing, but the overall assembly objective is the same.

- 4) Make the electrical connections for the high/low fill switch, low grain switch & leveling motor. Check high/low fill switch for proper fill switch settings.
- 5) When needed, assemble the side walkways while the dryer section is on the ground. Remove the bottom bolts from the walkway that secure it parallel to the dryer during shipment. Lift the walkway up so that it is perpendicular to the dryer and install the walkway support angles. Use drawing (900-008640) to install the handrail and fittings.
- 6) When needed, assemble the garner walkway handrail & fittings while the roof section is on the ground. Use drawing (400-008624) to install the handrail and fittings.
- 7) Install the plenum walkway handrail and fittings on the base section. Use drawing (400-008618) to install the handrail and fittings.
- 8) When needed, install the ladders to each dryer section. Base ladders (no cage) are secured to the dryer before shipment. Sections above the base will need to have ladders installed. With the dryer section on the ground, align the ladder upright to determine which bolts on the endwall will need to be removed. Install the ladders in opposite corners of each dryer section. Each ladder cage opening should correspond with a walkway or platform. In some instances a ladder cage may interfere with a side walkway support angle. Route the support angle through the ladder cage if this occurs.
- 9) When needed, lift the burner can(s) into the plenum and secure them to the fan drum(s) before stacking any other sections. Install and connect the burner manifold pipe to each burner. Route the spark plug, flame rod & ground wire through the grommets of the fan drum to the burner.
- 10) When needed, lift empty sections (above the base section) into place. Use tag lines at both ends of the section to keep it aligned with the rest of the dryer. Lower and secure the section into place using the hardware shown on drawing (900-005526).
- 11) Lift the roof (and garner bin) section into place. Use tag lines at both ends of the section to keep it aligned with the rest of the dryer. Lower and secure the section into place using the hardware shown on the illustration erection drawing (900-005523).

- 12) When needed, install and connect the pipes between the fuel manifold and the vaporizer.
- 13) Install the electrical conduit and saddles on the end(s) of the dryer. Route the wire bundle from the top of the dryer through the conduit. Match and connect wire colors or wire numbers in each junction box.
- 14) When needed, install the plenum door assembly using drawing (900-010876)
- 15) When needed, install the drag conveyor using drawing (900-008749 / 900-008750)
- 16) When needed, install the auger trough and auger extension.
- 17) When needed, install the MoistureLink sensor bypass chute to the discharge using drawing (900-010161 / 900-010162)
- 18) Make sure all bolts and screws are in place and tight. Make sure metering rolls and augers are free of any foreign material.
- 19) When needed, remove any section bracing that interferes with walking atop the heat deck (marked in red).
- 20) Before filling the dryer with grain for the first time, check the dryer inside and outside for missing nuts or bolts. Also, check to make sure the feedrolls are clear of any nuts or bolts that may have been dropped in the field assembly process.

MoistureLink Discharge System

Finishing the installation of the discharge sensor by-pass chute is the only field installation that is required from factory. Care must be taken so that components are not damaged during the installation of other grain handling equipment set in place to carry grain away from the dryer. The discharge sensor located in the by-pass chute is electrically sensitive. Welding, plasma-cutting, or any type of arc-to-ground construction equipment used on the discharge sensor by-pass chute or dryer will void the manufacturer's warranty for the sensor. It is recommended that the sensor be installed after all millwright work has been done on the handling system. It is also recommended that the sensor be removed if any subsequent welding, cutting, etc. is to be done near or around the dryer.

Depending on the dryer installation, there may be variations in the discharge length or type but the by-pass chute assembly is similar for both.

- Install the auger extension trough & auger. This is the portion of the auger and carrying trough that extends past the end of the dryer. If the dryer discharge is a drag conveyor, install the drag conveyor first.

- Use drawing 900-010162 for assembly & dimensioning for discharge auger installations.
- Use drawing 900-010161 for assembly & dimensioning for discharge drag installations.

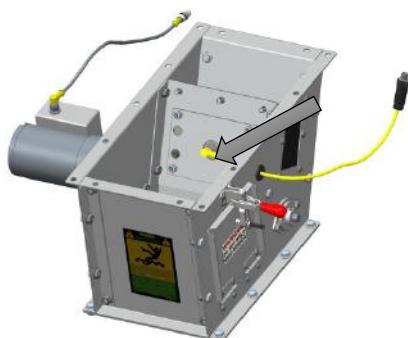
Install the discharge sensor & cable as shown:



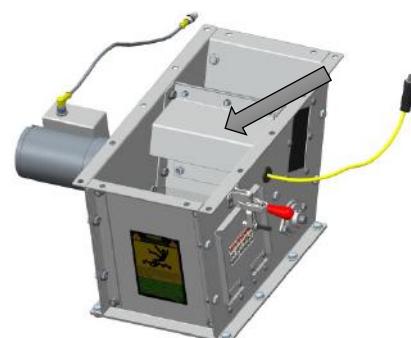
Step 1
*Remove sensor cover & compression plate
 and install sensor as shown.*



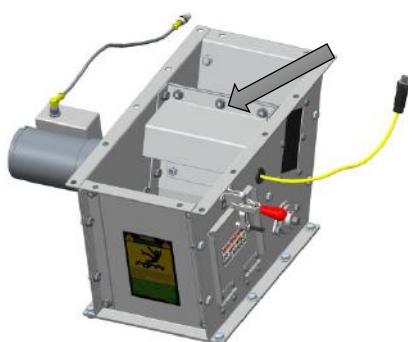
Step 2
*Install sensor compression plate and
 tighten down with nylon lock nuts
 provided.*



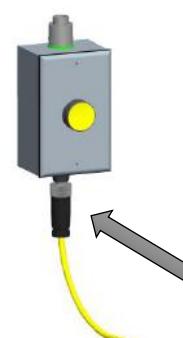
Step 3
*Connect the moisture sensor cable (yellow)
 to the sensor. Remove the rubber grommet
 to get the right angle plug through the
 hole.*



Step 4
Reinstall the sensor cover plate.

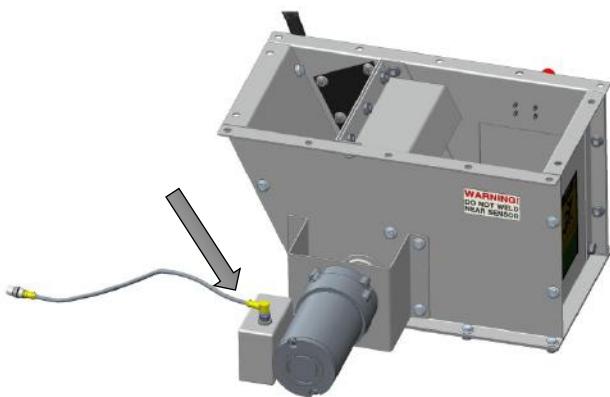


Step 5
*Reinstall all hardware & make sure it is
 tightened before completing the
 installation.*



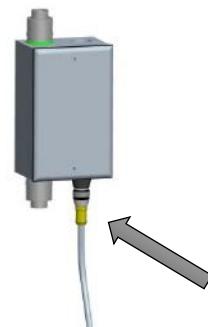
Step 6
*Connect the other end of the moisture
 sensor cable to the Sensor Calibration
 Button Junction Box.*

Install the gearmotor cable as shown:



Step 1

Connect the right angle end of the gearmotor sensor cable (gray) to the gearmotor.



Step 2

Connect the other end of the gearmotor sensor cable to the Gearmotor / Discharge Overflow Junction Box.

TABLE 2.1

MODEL	FT	FULL LOAD AMPS (DRYER ONLY) - MOTOR TAG DATA					
		230V 1P	208V 3P	230V 3P	400V 3P	460V 3P	575V 3P
DP10 (15hp)	10	77.9	N/A	N/A	N/A	N/A	N/A
DP15	15	99.5	N/A	N/A	N/A	N/A	N/A
DP20	20	99.5	N/A	N/A	N/A	N/A	N/A
DP30	30	145.6	N/A	N/A	N/A	N/A	N/A
DP40	40	191.2	N/A	N/A	N/A	N/A	N/A
DPSL10	10	N/A	70.0	61.7	35.6	31.0	24.8
DPSL15	15	N/A	103.1	90.5	53.2	45.4	36.3
DPSL20	20	N/A	130.7	114.5	65.2	57.4	45.9
DPSL25	25	N/A	177.7	159.7	95.8	80.0	64.0
DPSL30	30	N/A	194.2	169.7	95.8	85.0	68.0
DPSL40	40	N/A	260.2	227.1	129.0	113.7	91.0
DPXSL20	20	N/A	171.7	157.3	93.2	77.4	61.9
DPXSL25	25	N/A	180.5	162.1	96.8	81.2	65.0
DPXSL30	30	N/A	258.5	232.1	138.8	116.2	93.0
DPXSL40	40	N/A	356.0	319.1	191.1	159.7	127.8
DPX4T20	20	N/A	177.7	159.7	95.8	80.0	64.0
DPX4T25	25	N/A	280.5	254.1	146.8	127.2	102.2
DPX4T30	30	N/A	264.2	237.1	143.0	118.7	95.0
DPX4T40	40	N/A	356.0	319.1	191.1	159.7	127.8
DPX8GT20	20	N/A	177.7	159.7	95.8	80.0	64.0
DPX8GT25	25	N/A	286.2	259.1	151.0	129.7	104.2
DPX8GT30	30	N/A	264.2	237.1	143.0	118.7	95.0
DPX8GT40	40	N/A	356.0	319.1	191.1	159.7	127.8
DPX12GT20	20	N/A	225.7	203.7	123.8	102.0	81.6
DPX12GT25	25	N/A	328.2	299.1	178.0	149.7	119.8
DPX12GT30	30	N/A	336.2	303.1	185.0	151.7	121.4
DPX12GT40	40	N/A	457.7	412.1	251.3	206.2	165.0
DPX16GT20	20	N/A	277.7	251.7	145.8	126.0	101.2
DPX16GT25	25	N/A	328.2	299.1	178.0	149.7	119.8
DPX16GT30	30	N/A	414.2	375.1	218.0	187.7	150.8
DPX16GT40	40	N/A	561.7	508.1	295.3	254.2	204.2

** FULL LOAD AMPS BASED ON MOTOR TAG DATA AVAILABLE AT DATE PUBLISHED.


** FULL LOAD AMPS DOES NOT INCLUDE ANY AUX. HANDLING EQUIPMENT.

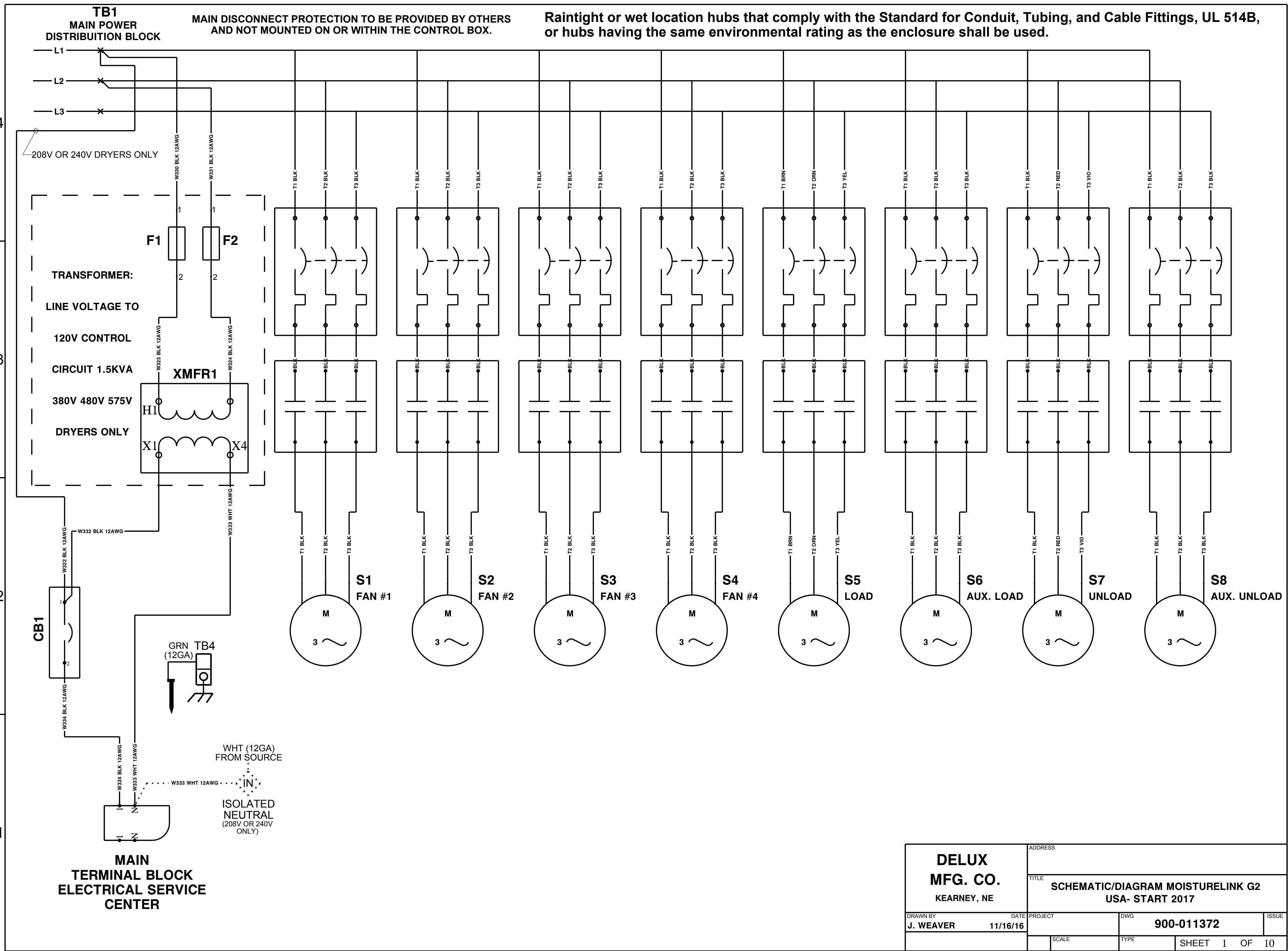
TABLE 2.2

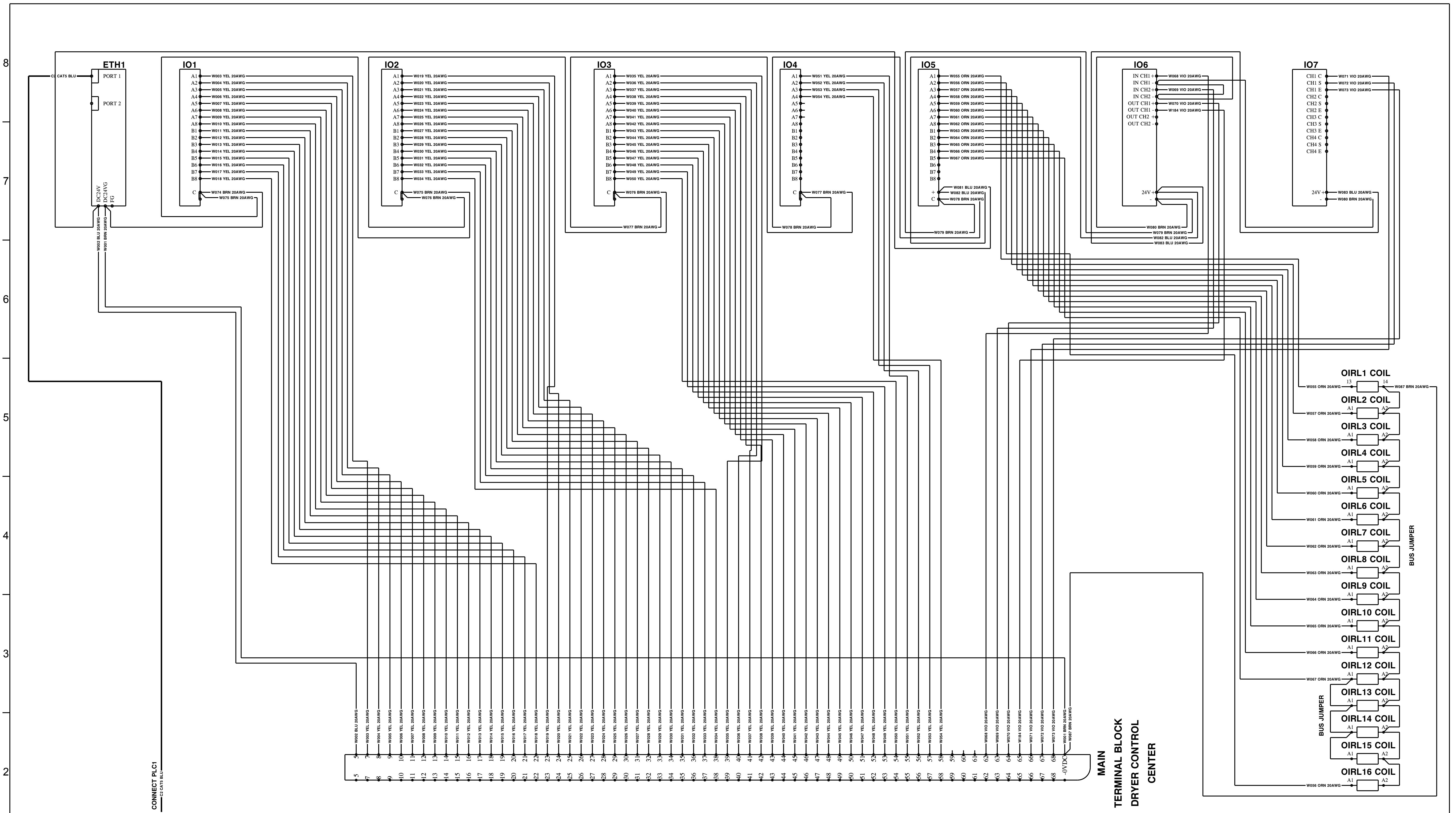
MINIMUM AND MAXIMUM BTU/HR - ALL

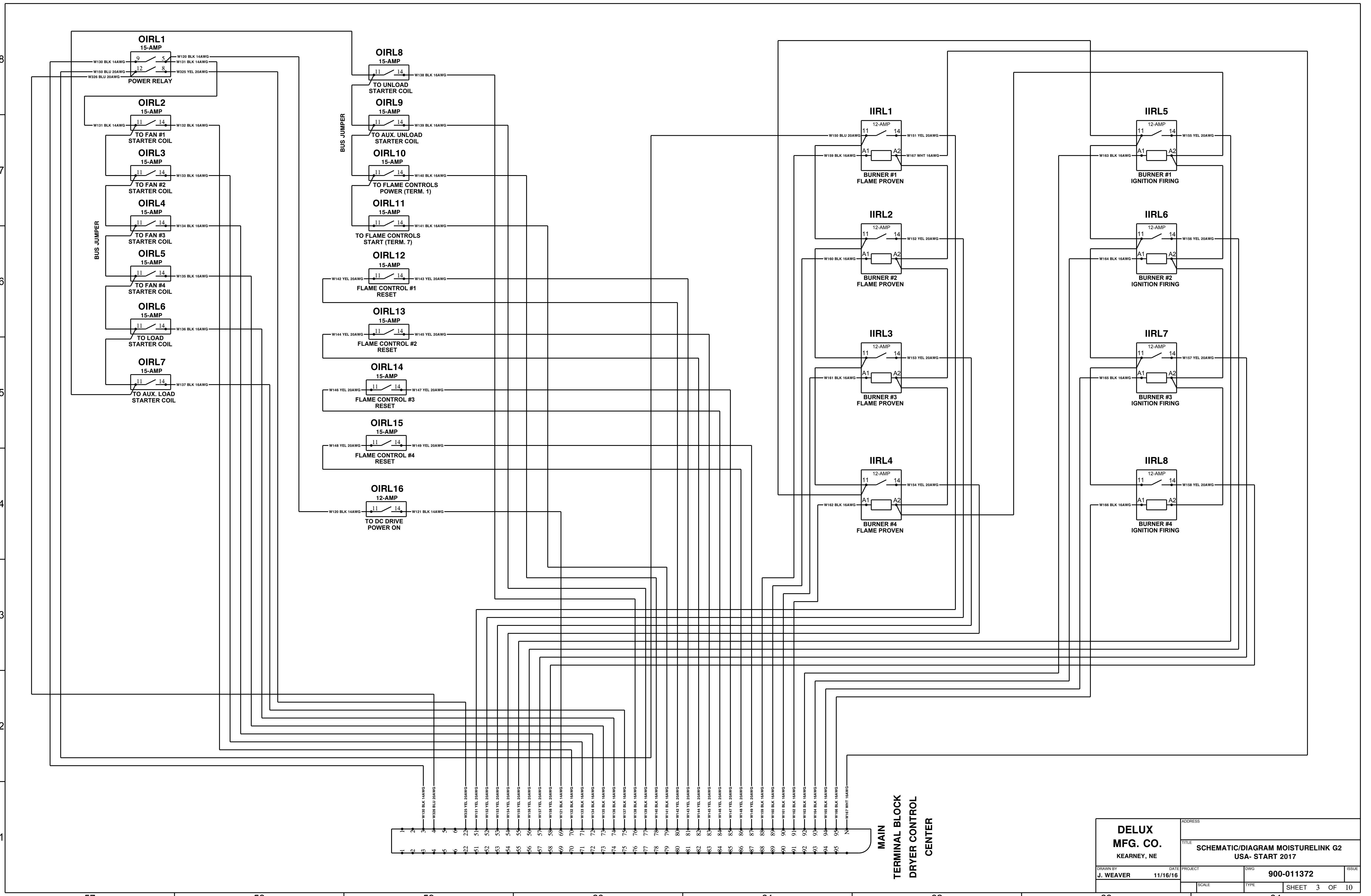
MODEL	TOTAL CFM	MINIMUM		MAXIMUM		MAX w/Reclaim	
		TEMP. RISE (F)	BTU/HR (MILLION)	TEMP. RISE (F)	BTU/HR (MILLION)	TEMP. RISE (F)	BTU/HR (MILLION)
DP10	14,985	50	0.8	160	2.6	130	2.1
DP15	20,154	50	1.1	160	3.5	130	2.8
DP20	20,154	50	1.1	160	3.5	130	2.8
DP30	30,231	50	1.6	160	5.2	130	4.2
DP40	40,308	50	2.2	160	7.0	130	5.7
DPSL10	17,808	50	1.0	160	3.1	130	2.5
DPSL15	22,896	50	1.2	160	4.0	130	3.2
DPSL20	35,616	50	1.9	160	6.2	130	5.0
DPSL25	45,792	50	2.5	160	7.9	130	6.4
DPSL30	53,424	50	2.9	160	9.2	130	7.5
DPSL40	71,232	50	3.8	160	12.3	130	10.0
DPXSL20	45,792	50	2.5	160	7.9	130	6.4
DPXSL25	57,876	50	3.1	160	10.0	130	8.1
DPXSL30	68,688	50	3.7	160	11.9	130	9.6
DPXSL40	91,584	50	4.9	160	15.8	130	12.9
DPX4T20	57,876	50	3.1	160	10.0	130	8.1
DPX4T25	79,500	50	4.3	160	13.7	130	11.2
DPX4T30	86,814	50	4.7	160	15.0	130	12.2
DPX4T40	115,752	50	6.3	160	20.0	130	16.3
DPX8GT20	57,876	50	3.1	160	10.0	130	8.1
DPX8GT25	79,500	50	4.3	160	13.7	130	11.2
DPX8GT30	86,814	50	4.7	160	15.0	130	12.2
DPX8GT40	115,752	50	6.3	160	20.0	130	16.3
DPX12GT20	68,402	50	3.7	160	11.8	130	9.6
DPX12GT25	88,086	50	4.8	160	15.2	130	12.4
DPX12GT30	102,603	50	5.5	160	17.7	130	14.4
DPX12GT40	136,804	50	7.4	160	23.6	130	19.2
DPX16GT20	79,500	50	4.3	160	13.7	130	11.2
DPX16GT25	88,086	50	4.8	160	15.2	130	12.4
DPX16GT30	119,250	50	6.4	160	20.6	130	16.7
DPX16GT40	159,000	50	8.6	160	27.5	130	22.3

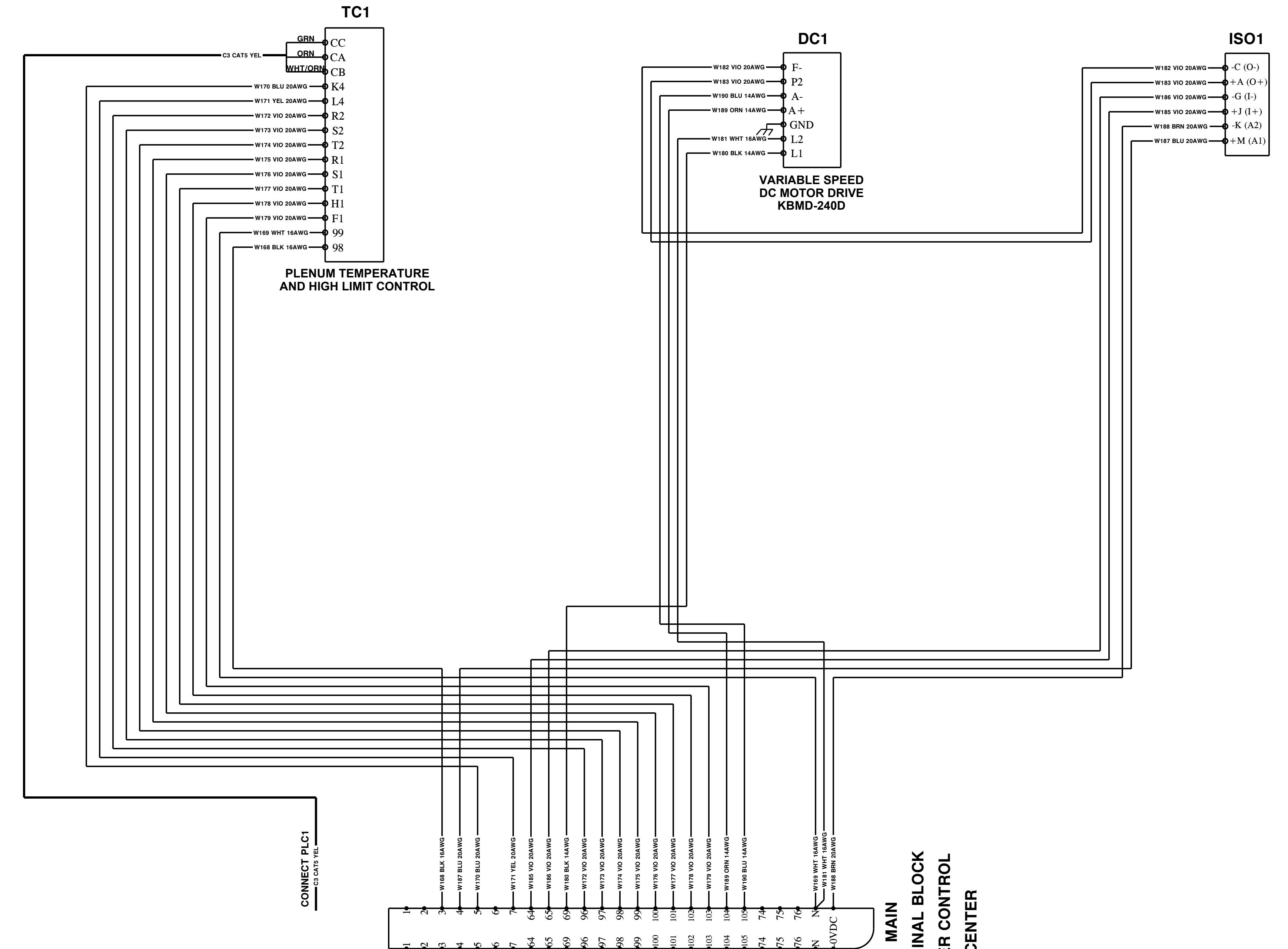
** OPERATING FUEL CONSUMPTION WILL FALL BETWEEN THE MINIMUM AND MAXIMUM VALUES, AND IS DEPENDENT UPON AMBIENT CONDITIONS AND HEAT RECAPTURE FROM COOLING GRAIN.

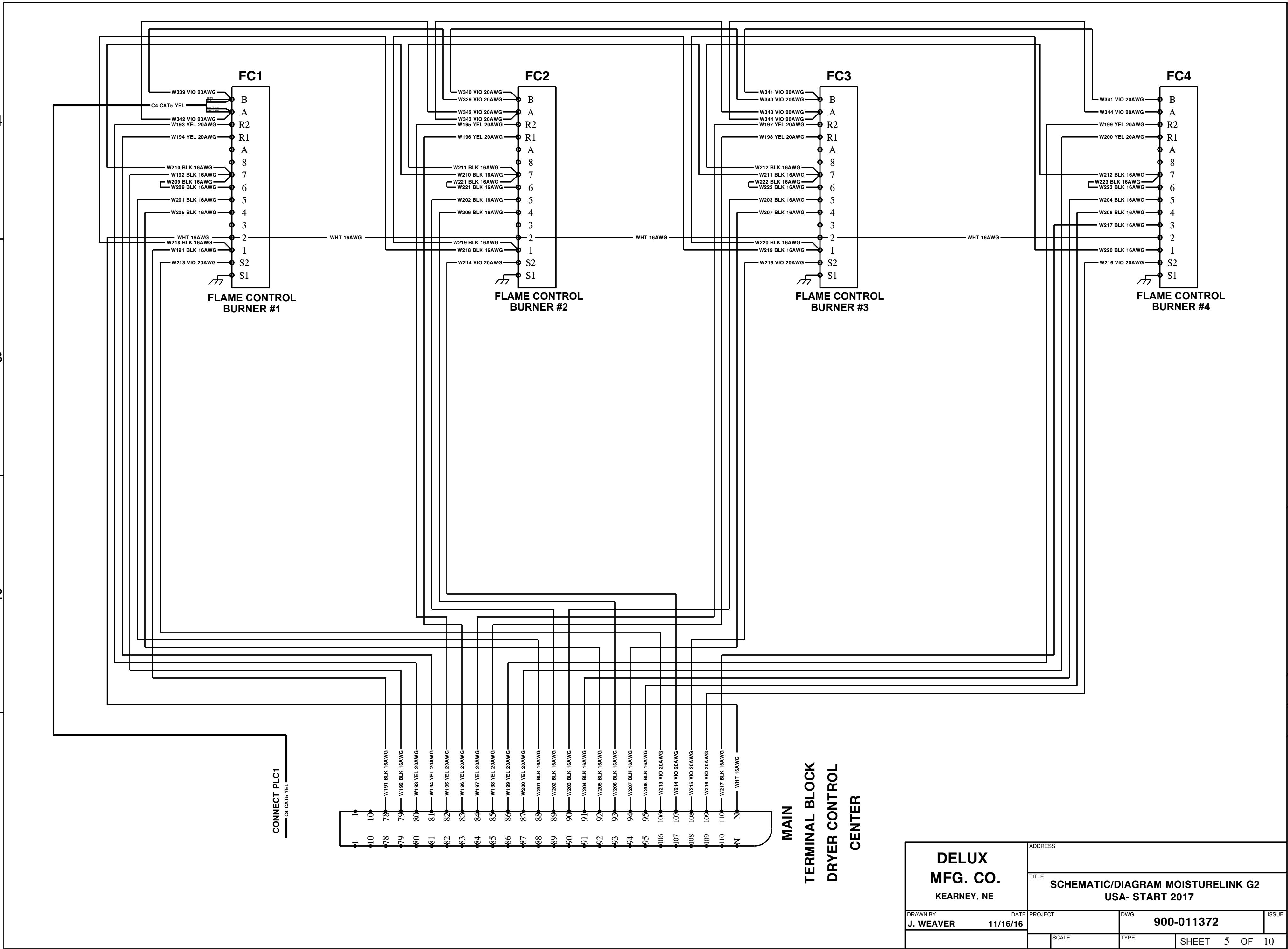


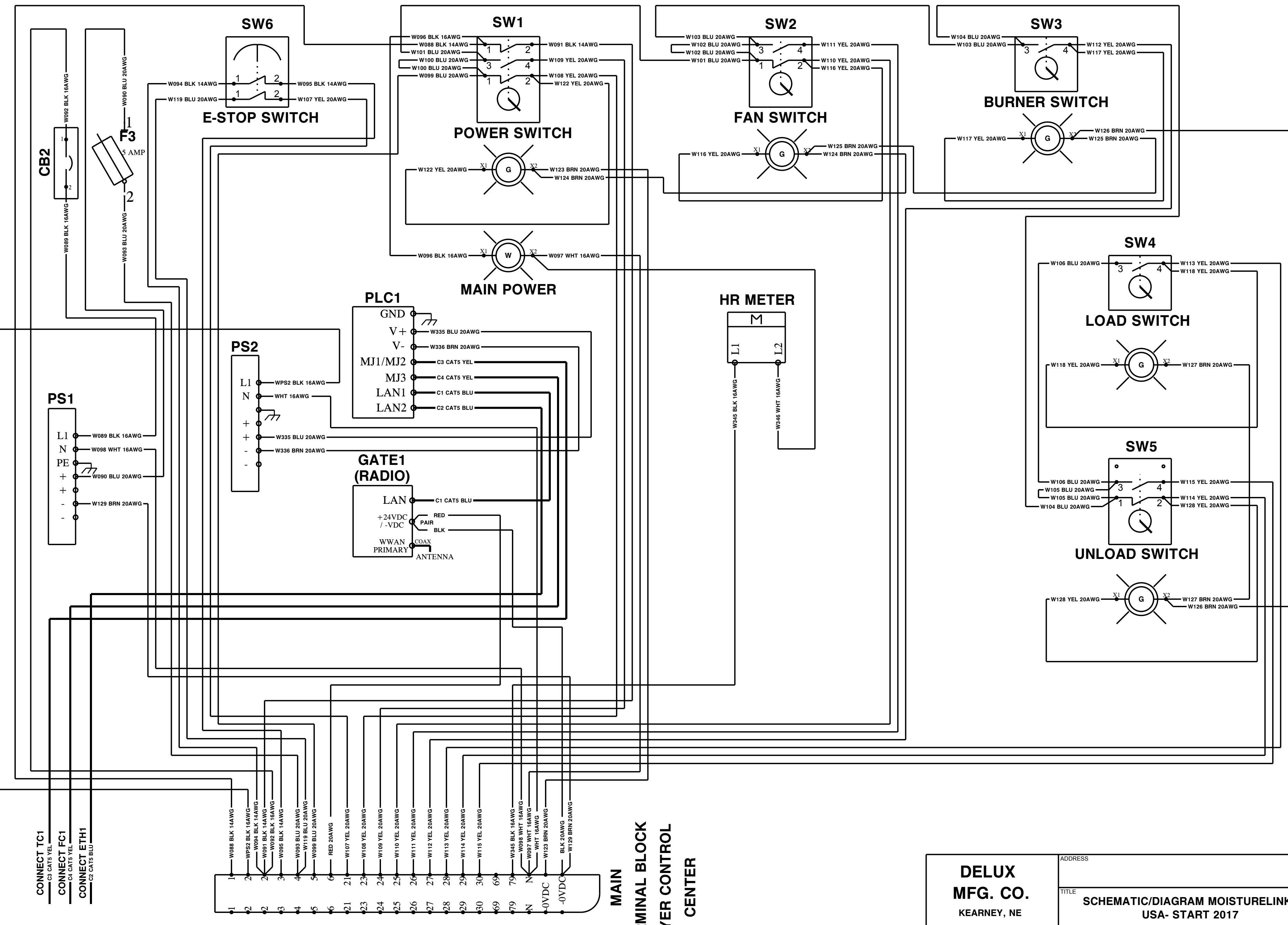










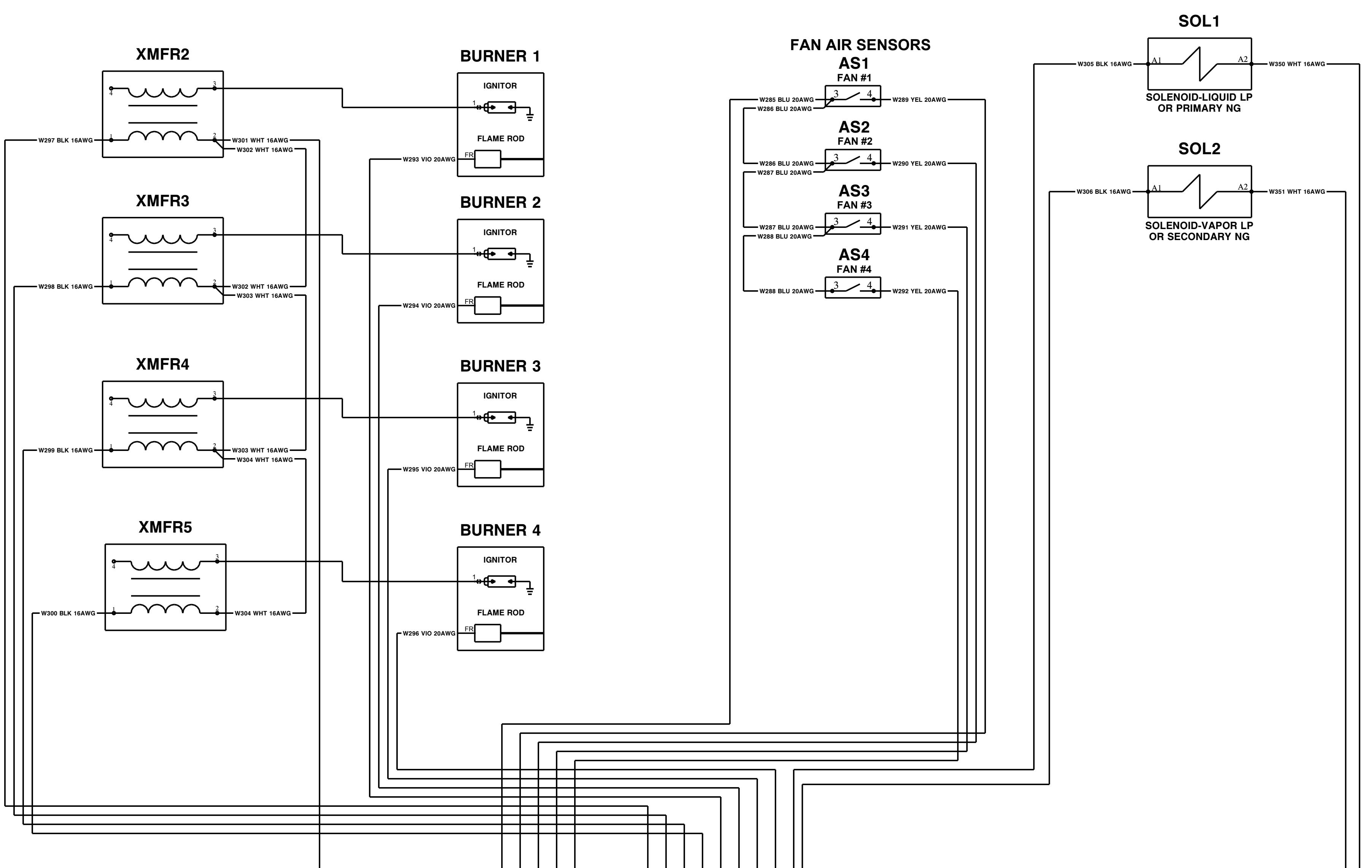


MAIN TERMINAL BLOCK DRYER CONTROL

**DELUX
MFG. CO.
KEARNEY, NE**

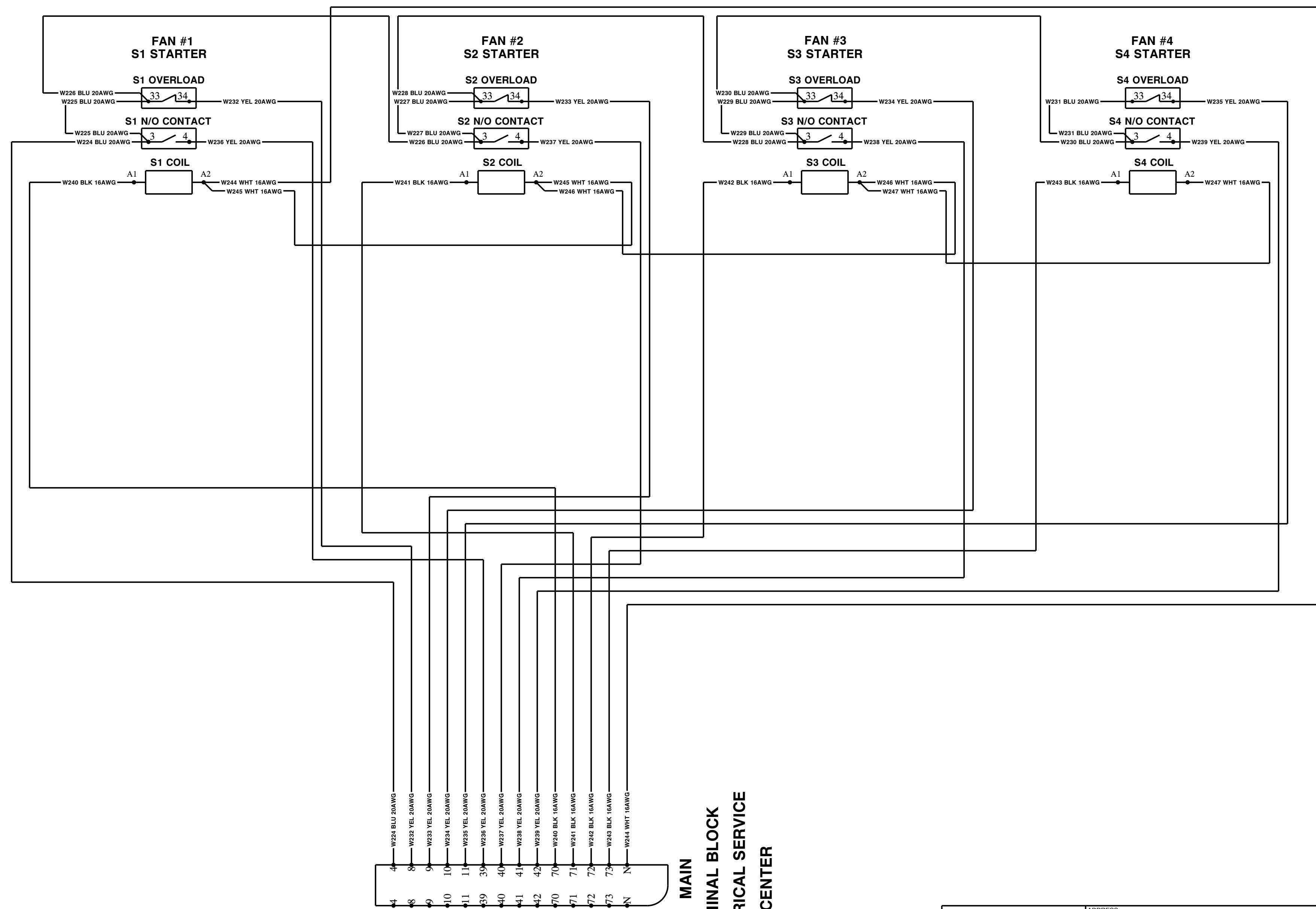
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TITLE

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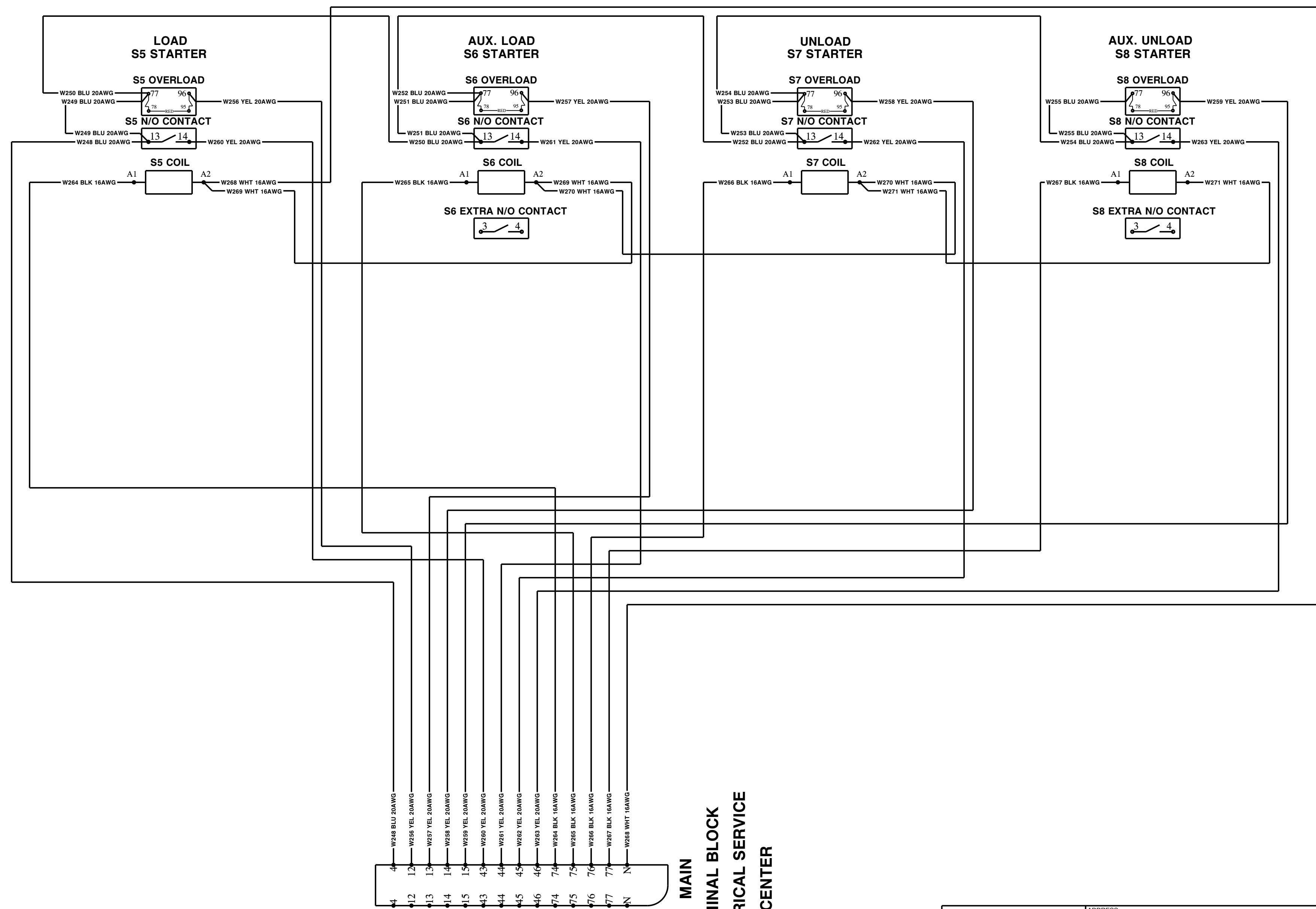


*** ALL ITEMS OTHER THAN TERMINAL BLOCK ON THIS SHEET ARE OUTSIDE OF THE ELECTRICAL PANELS.**

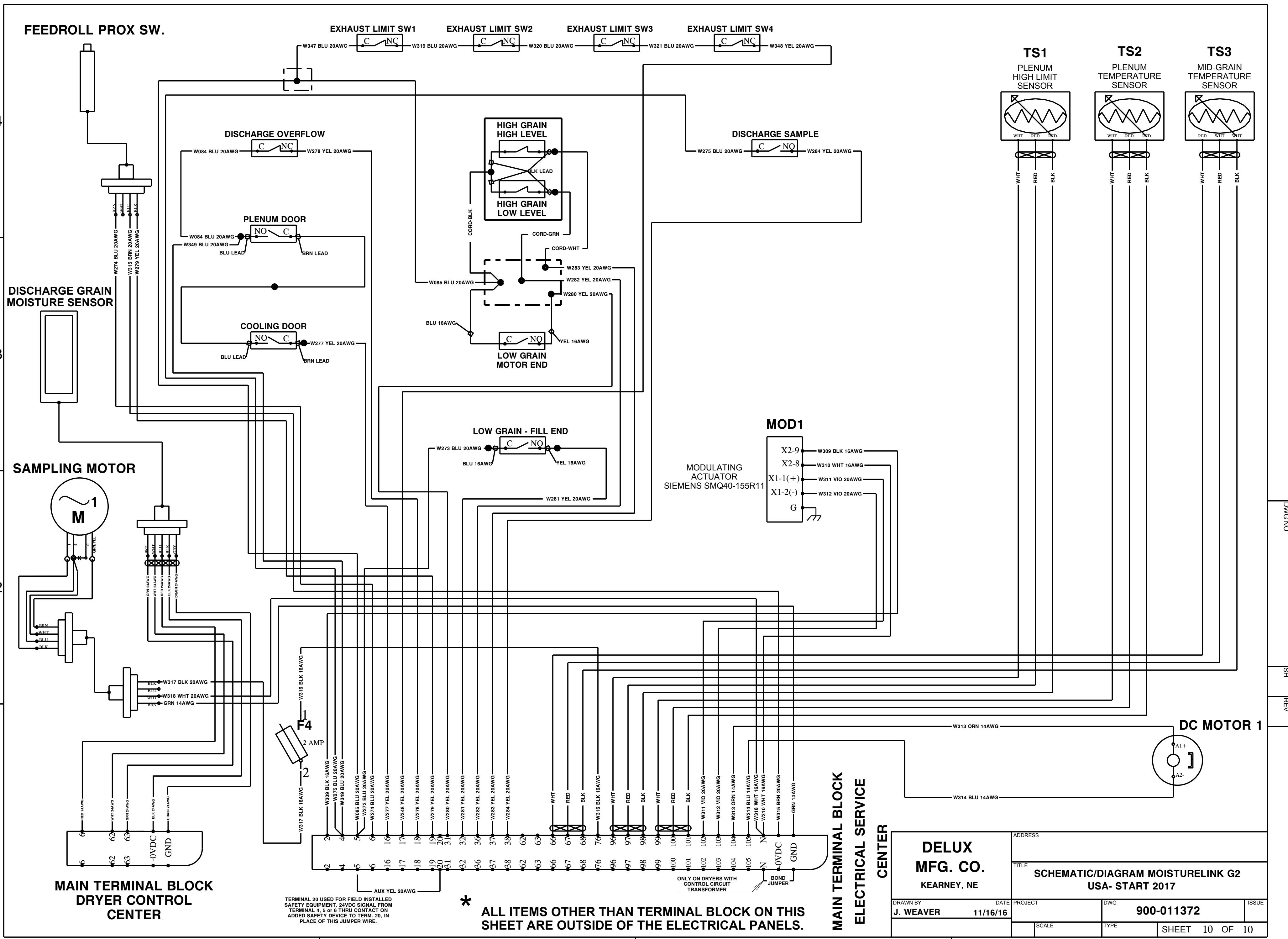
DELUX MFG. CO. KEARNEY, NE	ADDRESS			
	TITLE			
SCHEMATIC/DIAGRAM MOISTURELINK G2 USA- START 2017				
DRAWN BY J. WEAVER	DATE 11/16/16	PROJECT	DWG 900-011372	ISSUE
		SCALE	TYPE	SHEET 7 OF 10



DELUX MFG. CO.		ADDRESS	
KEARNEY, NE		TITLE	
DRAWN BY J. WEAVER	DATE 11/16/16	PROJECT	DWG 900-011372
		SCALE	TYPE
			SHEET 8 OF 10



DELUX MFG. CO.		ADDRESS	
KEARNEY, NE		TITLE	
DRAWN BY J. WEAVER	DATE 11/16/16	PROJECT	DWG 900-011372
		SCALE	TYPE
			SHEET 9 OF 10



MAIN TERMINAL BLOCK DRYER CONTROL CENTER

AUX 12
TERMINAL 20 USED FOR FIELD INSTALLED
SAFETY EQUIPMENT. 24VDC SIGNAL FROM
TERMINAL 4, 5 or 6 THRU CONTACT ON
ADDED SAFETY DEVICE TO TERM. 20, IN
PLACE OF THIS JUMPER WIRE.

ALL ITEMS OTHER THAN TERMINAL BLOCK ON THIS SHEET ARE OUTSIDE OF THE ELECTRICAL PANELS.

**DELUX
MFG. CO.
KEARNEY, NE**

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SCALE	TYPE	SHEET 10 OF 10

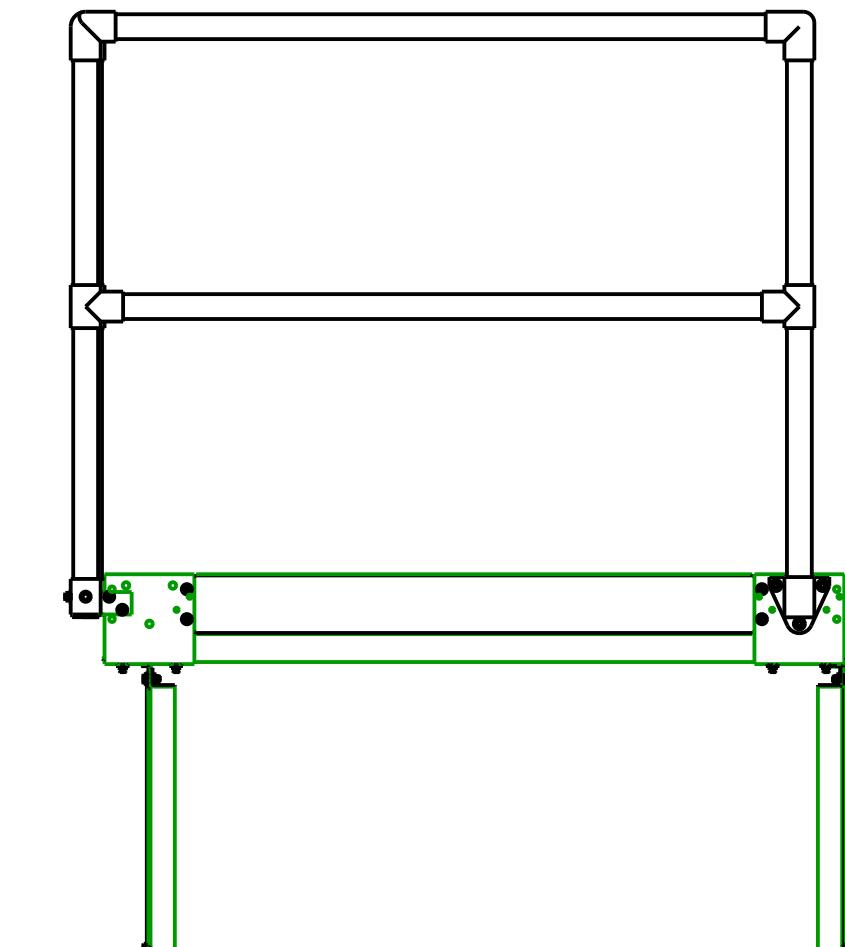
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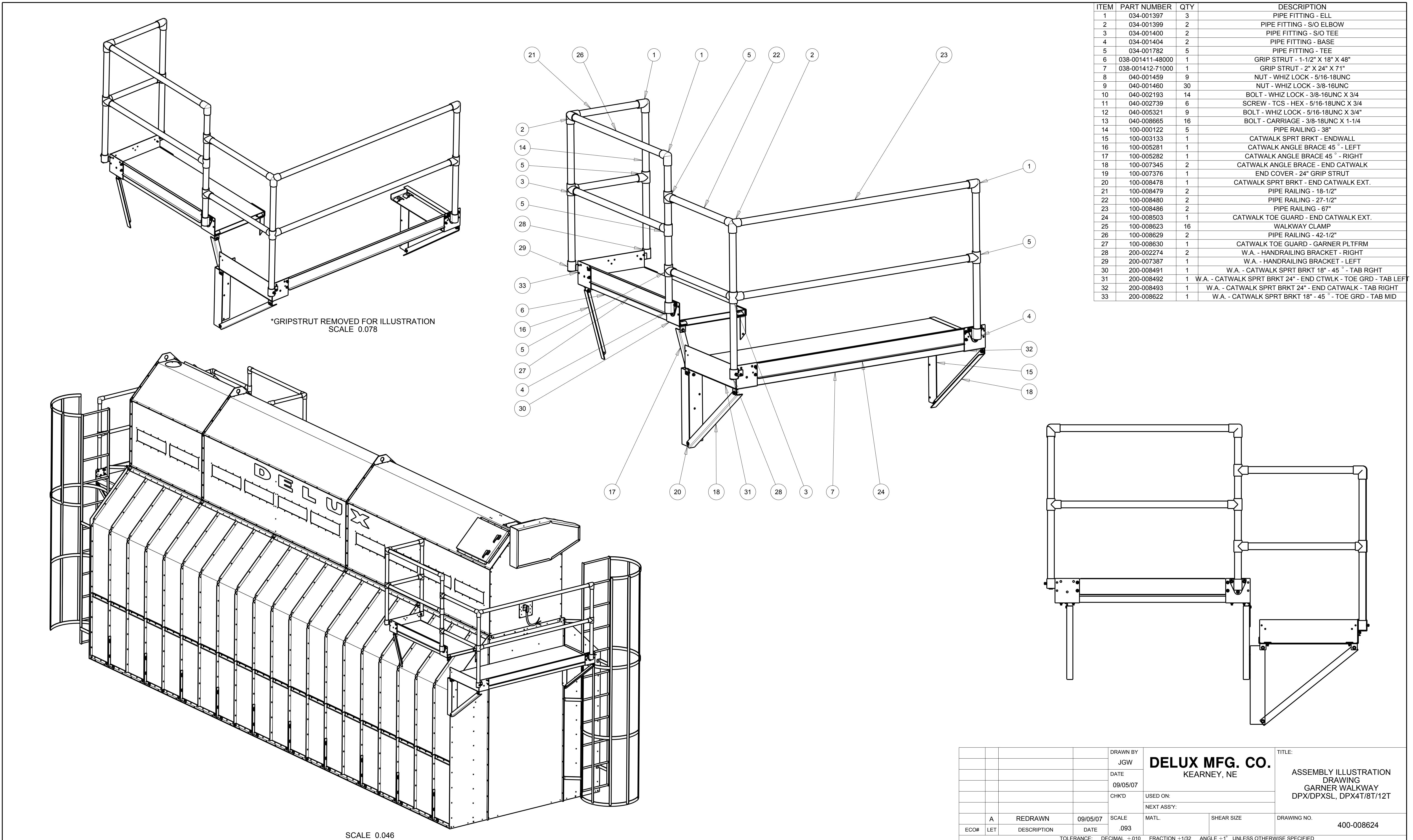
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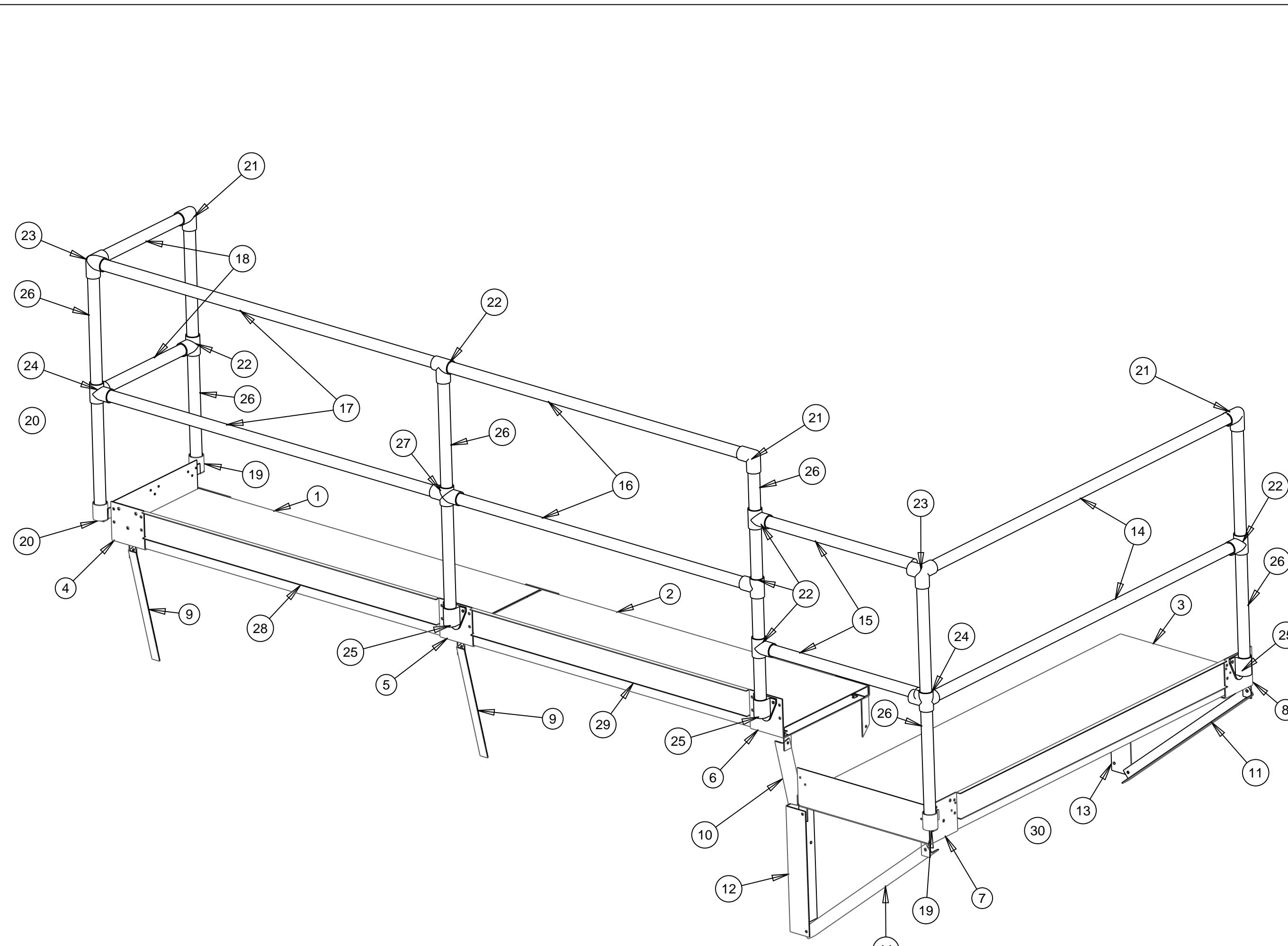
ITEM	PART NUMBER	QTY	DESCRIPTION
1	034-001397	2	PIPE FITTING - ELL
2	034-001399	1	PIPE FITTING - S/O ELBOW
3	034-001400	1	PIPE FITTING - S/O TEE
4	034-001404	1	PIPE FITTING - BASE
5	034-001782	2	PIPE FITTING - TEE
6	038-001412-48000	1	GRIP STRUT - 2" X 24" X 48"
7	040-001459	4	NUT - WHIZ LOCK - 5/16-18UNC
8	040-001460	17	NUT - WHIZ LOCK - 3/8-16UNC
9	040-002193	9	BOLT - WHIZ LOCK - 3/8-16UNC X 3/4"
10	040-002739	4	SCREW - TCS - HEX - 5/16-18UNC X 3/4
11	040-005321	4	BOLT - WHIZ LOCK - 5/16-18UNC X 3/4"
12	040-008665	8	BOLT - CARRIAGE - 3/8-18UNC X 1-1/4
13	100-000122	3	PIPE RAILING - 38"
14	100-003133	2	CATWALK SPRT BRKT - ENDWALL
15	100-007345	2	CATWALK ANGLE BRACE - END CATWALK
16	100-007376	1	END COVER - 24" GRIP STRUT
17	100-008617	1	CATWALK TOE GUARD - END CATWALK - GARNER/PLNM
18	100-008620	2	PIPE RAILING - 45"
19	100-008621	2	PIPE RAILING - 23-1/2"
20	100-008623	8	WALKWAY CLAMP
21	200-002274	2	W.A. - HANDRAILING BRACKET - RIGHT
22	200-008493	1	W.A. - CATWALK SPRT BRKT 24" - END CATWALK - TAB RIGHT
23	200-008626	1	W.A. - CATWALK SPRT BRKT 24" - TOE GUARD - TAB MID



SCALE 0.078

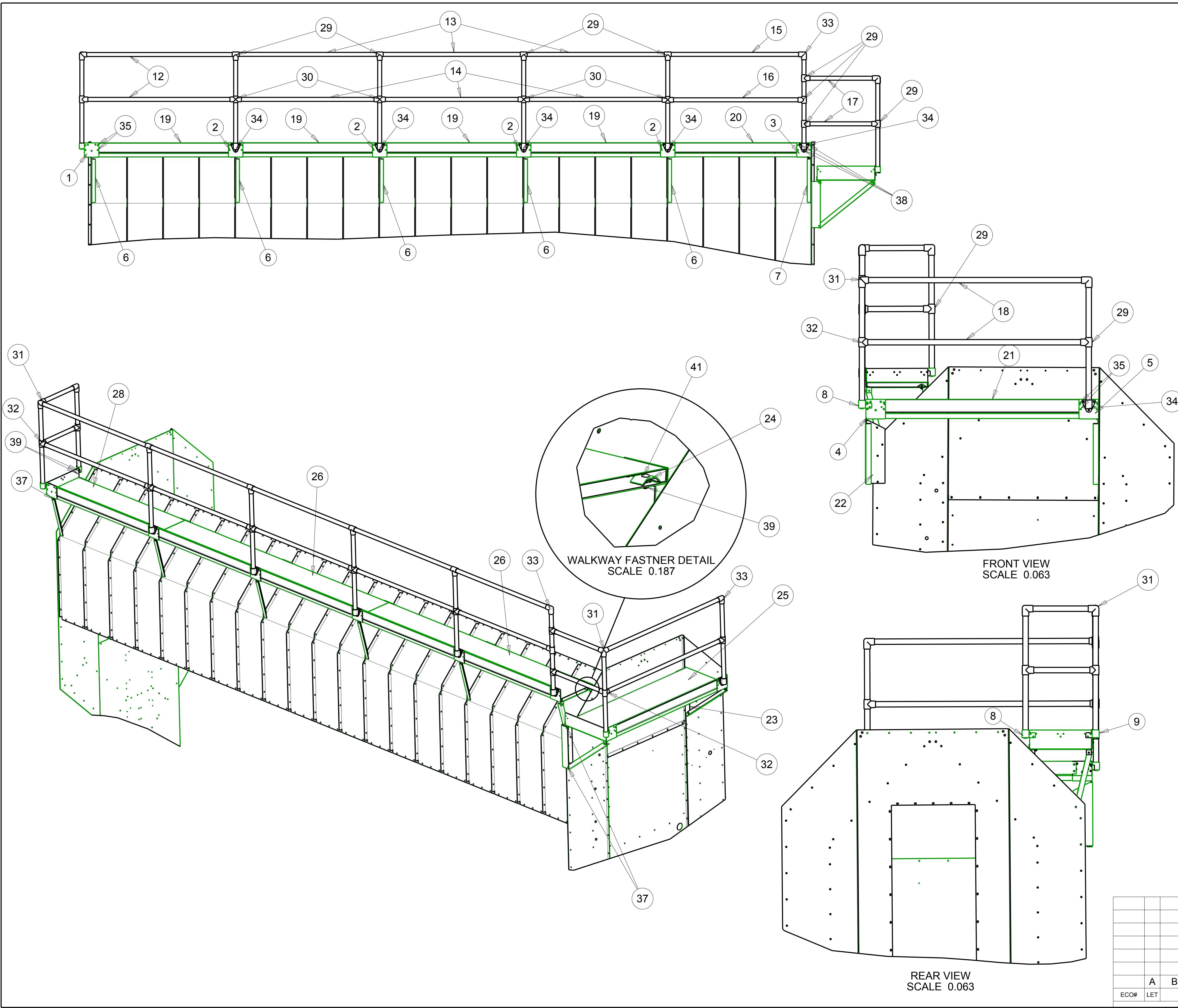
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			DATE 09/04/07	KEARNEY, NE	
			CHK'D	USED ON: NEXT ASS'Y:	
A	RE-DRAWN 09/04/07	SCALE .125	MATL.	SHEAR SIZE	DRAWING NO. 400-008618
ECO#	LET	DESCRIPTION	DATE	TOLERANCE: DECIMAL ±0.10 FRACTION ±1/32 ANGLE ±1° UNLESS OTHERWISE SPECIFIED	





ITEM	PART NUMBER	QTY	DESCRIPTION
1	034-001411	62.5 IN.	GRIP STRUT - 1-1/2" X 18"
2	034-001411	59.5 IN.	GRIP STRUT - 1-1/2" X 18"
3	034-001412	71 IN.	GRIP STRUT - 2" X 24"
4	200-008622	1	CATWALK SPRT BRCKT 18" - 45 TOE GRD - TAB MID
5	200-008490	1	CATWALK SPRT BRCKT 18" - 45" - TAB MID
6	200-008491	1	CATWALK SPRT BRCKT 18" - 45 TAB RGHT
7	200-008492	1	CATWALK SPRT BRCKT 24" - END CATWALK - TOE GRD - TAB LFT
8	200-008493	1	CATWALK SPRT BRCKT 24" - END CATWALK - TAB RGHT
9	100-005281	2	CATWALK ANGLE BRACE 45- LEFT
10	100-005282	1	CATWALK ANGLE BRACE 45- RIGHT
11	100-007345	2	CATWALK ANGLE BRACE - END CATWALK
12	100-008478	1	CATWALK SPRT BRCKT - END CATWALK EXT.
13	100-003133	1	CATWALK SPRT BRCKT - ENDWALL
14	100-008486	2	PIPE RAILING - 67"
15	100-008480	2	PIPE RAILING - 27-1/2"
16	100-008481	2	PIPE RAILING - 54"
17	100-006350	2	PIPE RAILING - 62-1/4"
18	100-008479	2	PIPE RAILING - 14"
19	200-004235	2	PIPE CUP - LEFT
20	200-002274	1	PIPE CUP - RIGHT
21	034-001397	3	PIPE FITTING - ELBOW
22	034-001782	6	PIPE FITTING - TEE
23	034-001399	2	PIPE FITTING - S/O ELBOW
24	034-001400	2	PIPE FITTING - S/O TEE
25	034-001404	3	PIPE FITTING - BASE
26	100-000122	6	PIPE RAILING - 38"
27	034-001398	1	PIPE FITTING - CROSS
28	100-008496	1	CATWALK TOE GUARD LEFT - 45SLOPE
29	100-008504	1	CATWALK TOE GUARD RIGHT - 45 SLOPE
30	100-008503	1	CATWALK TOE GUARD - END CATWALK EXT.

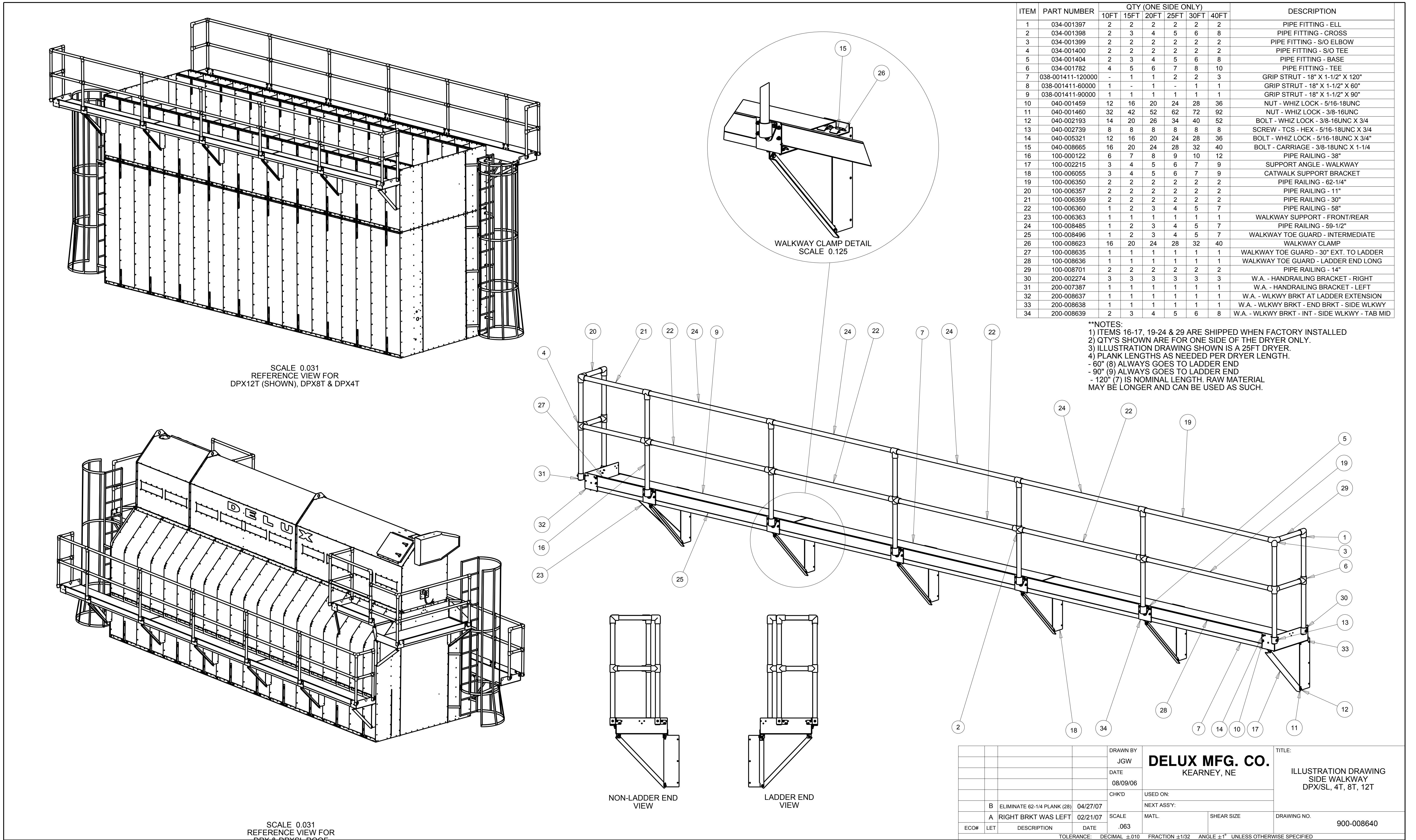
				DRAWN BY JGW	DELUX MFG. CO. KEARNEY, NE	TITLE: ASSEMBLY DRAWING CATWALK & RAILINGS GARNER WALKWAY W / DRYER MASTER DP/DPSL/DPX/DPXSL/DPX4T-8T-12T	
				DATE 06/28/06			
				CHK'D			USED ON: NEXT ASS'Y:
ECO#	LET	DESCRIPTION	DATE	SCALE .078	MATL.	SHEAR SIZE	DRAWING NO. 400-008625
TOLERANCE: DECIMAL .010 FRACTION ±1/32 ANGLE ±1° UNLESS OTHERWISE SPECIFIED							

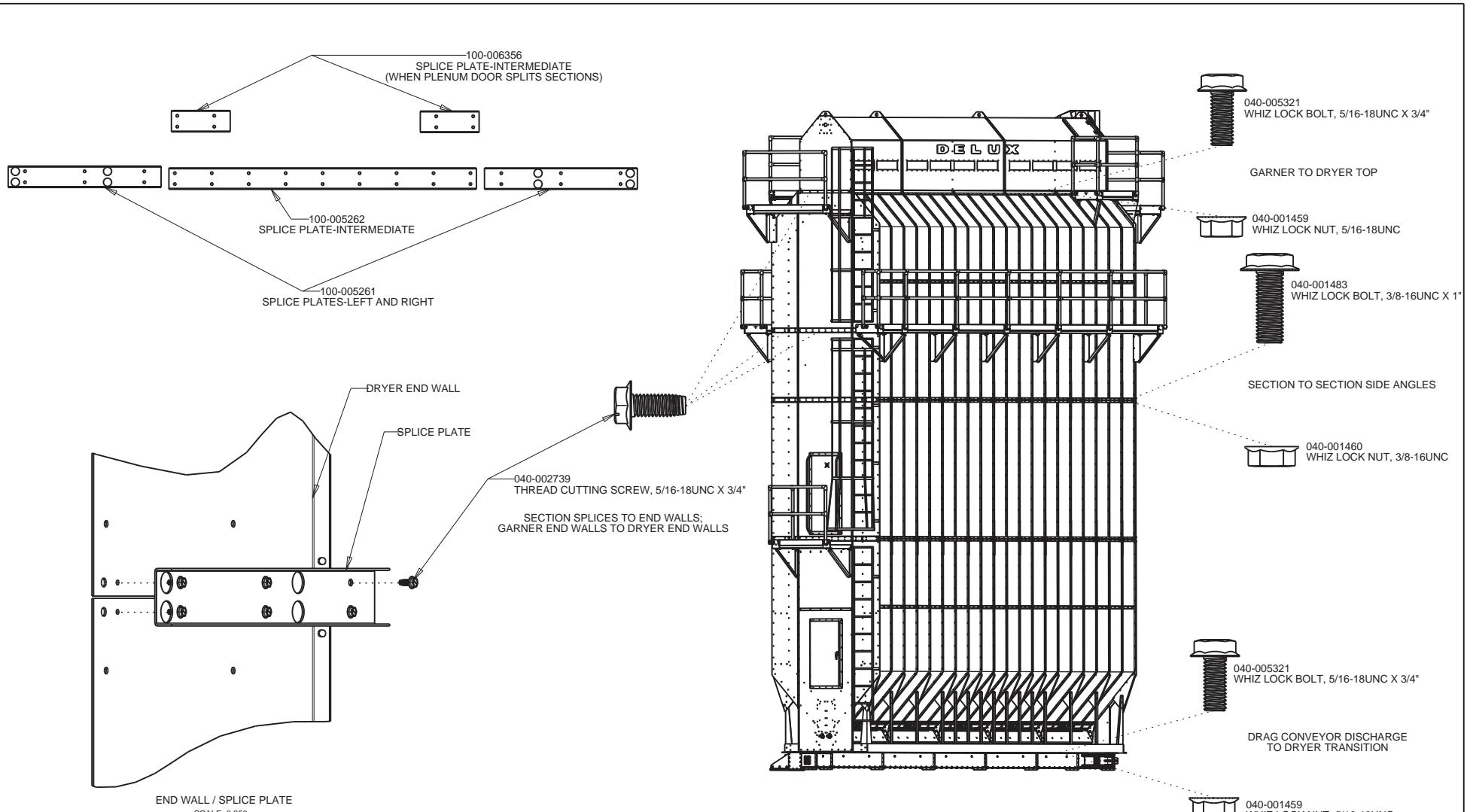


ITEM	PART NUMBER	QTY						DESCRIPTION
		10 FT	15FT	20FT	25FT	30FT	40FT	
1	200-008622	1	1	1	1	1	1	CATWALK BRACKET 18" - 45° TOE GRD - TAB MID
2	200-008490	1	2	3	4	5	7	CATWALK BRACKET 18" - 45° INTERMEDIATE - TAB MID
3	200-008491	1	1	1	1	1	1	CATWALK BRACKET 18" - 45° RIGHT - TAB RIGHT
4	200-008492	1	1	1	1	1	1	CATWALK BRACKET 24" - END CATWALK - TOE GRD - TAB LFT
5	200-008493	1	1	1	1	1	1	CATWALK BRACKET 24" - END CATWALK - TAB RIGHT
6*	100-005281	2	3	4	5	6	8	CATWALK ANGLE BRACE 45° LEFT
7*	100-005282	1	1	1	1	1	1	CATWALK ANGLE BRACE 45° RIGHT
8	200-007387	2	2	2	2	2	2	PIPE CUP - LEFT
9	200-002274	1	1	1	1	1	1	PIPE CUP - RIGHT
10	100-008479	2	2	2	2	2	2	PIPE RAILING - 18-1/2"
11	100-000122	6	7	8	9	10	12	PIPE RAILING - 38"
12*	100-006350	2	2	2	2	2	2	PIPE RAILING - 62-1/4"
13*	100-008485	-	1	2	3	4	6	PIPE RAILING - 59-1/2"
14*	100-006360	-	1	2	3	4	6	PIPE RAILING - 58"
15*	100-008482	1	1	1	1	1	1	PIPE RAILING - 55-1/2"
16*	100-008481	1	1	1	1	1	1	PIPE RAILING - 54"
17*	100-008480	2	2	2	2	2	2	PIPE RAILING - 27-1/2"
18*	100-008486	2	2	2	2	2	2	PIPE RAILING - 67"
19	100-008496	1	2	3	4	5	7	CATWALK TOE GUARD - INTERMEDIATE
20	100-008504	1	1	1	1	1	1	CATWALK TOE GUARD - RIGHT - LADDER END
21	100-008503	1	1	1	1	1	1	CATWALK TO GUARD - END CATWALK
22	100-008478	1	1	1	1	1	1	CATWALK SUPPORT BRACKET - END CATWALK - LEFT
23	100-003133	1	1	1	1	1	1	CATWALK SUPPORT BRACKET - END WALL
24	100-008623	20	24	28	32	36	44	WALKWAY CLAMP
25	038-001412	1	1	1	1	1	1	GRIP STRUT - 2" X 24" X 71"
26	038-001411	-	1	1	2	2	3	GRIP STRUT - 1-1/2" X 18" X 120"
27	038-001411	1	-	1	-	1	1	GRIP STRUT - 1-1/2" X 18" X 60"
28	038-001411	1	1	1	1	1	1	GRIP STRUT - 1-1/2" X 18" X 62-1/4"
29*	034-001782	6	7	8	9	10	12	PIPE FITTING - TEE
30*	034-001398	1	2	3	4	5	7	PIPE FITTING - CROSS
31*	034-001399	2	2	2	2	2	2	PIPE FITTING - S/O ELL
32*	034-001400	2	2	2	2	2	2	PIPE FITTING - S/O TEE
33*	034-001397	3	3	3	3	3	3	PIPE FITTING - ELL
34	034-001404	3	4	5	6	7	9	PIPE FITTING - BASE
35	040-001434	12	16	20	24	28	36	WHIZ BOLT - 5/16"-18UNC X 3/4"
36	040-001459	12	16	20	24	28	36	WHIZ NUT - 5/16"-18UNC
37	040-002193	15	18	21	24	27	33	WHIZ BOLT - 3/8"-16UNC X 3/4"
38	040-001483	9	12	15	18	21	24	WHIZ BOLT - 3/8"-16UNC X 1"
39	040-001460	44	54	64	74	84	101	WHIZ NUT - 3/8"-16UNC
40	040-002739	6	6	6	6	6	6	SCREW - TCS - 5/16"-18UNC X 3/4"
41	040-008665	20	24	28	32	36	44	BOLT - CARRIAGE 3/8"-16UNC X 1-1/4"

* INDICATES ITEMS THAT ARE SHIPPED WHEN SIDE WALKWAY IS FACTORY INSTALLED

			DRAWN BY JGW	TITLE: ILLUSTRATION DRAWING WALKWAY ON 45 DEGREE SLOPE DP/SL, DPX/SL, 4T, 8T, 12T
			DATE 0906/07	
			CHK'D USED ON: NEXT ASSY:	
A	BOM REVISED 06/14/07	SCALE .046	MATL. SHEAR SIZE	DRAWING NO. 900-008667
ECO#	LET	DESCRIPTION	DATE	TOLERANCE: DECIMAL .010 FRACTION 1/32 ANGLE ±1° UNLESS OTHERWISE SPECIFIED



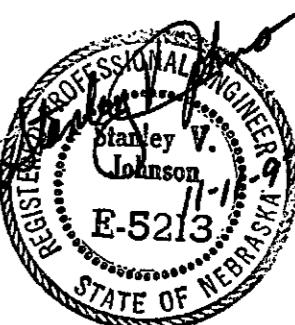


			DRAWN BY MEL	DELUX MFG. CO. KEARNEY, NE		TITLE: ILLUSTRATION ERCTION DPX/DPXSL; 4T; 8T; 12T; 16GT
			DATE 12/28/04			
			CHKD	USED ON:		
C	UPDATE FOR EXPANDED MODELS	07/25/12		NEXT ASSY:		
B	REDRAWN	12/28/04	SCALE .020 (C SIZE)	MATL.	SHEAR SIZE	DRAWING NO. 900-005526
ECO#	LET	DESCRIPTION	DATE	TOLERANCE: DECIMAL +.010 FRACTION +1/32 ANGLE +1° UNLESS OTHERWISE SPECIFIED		

MA

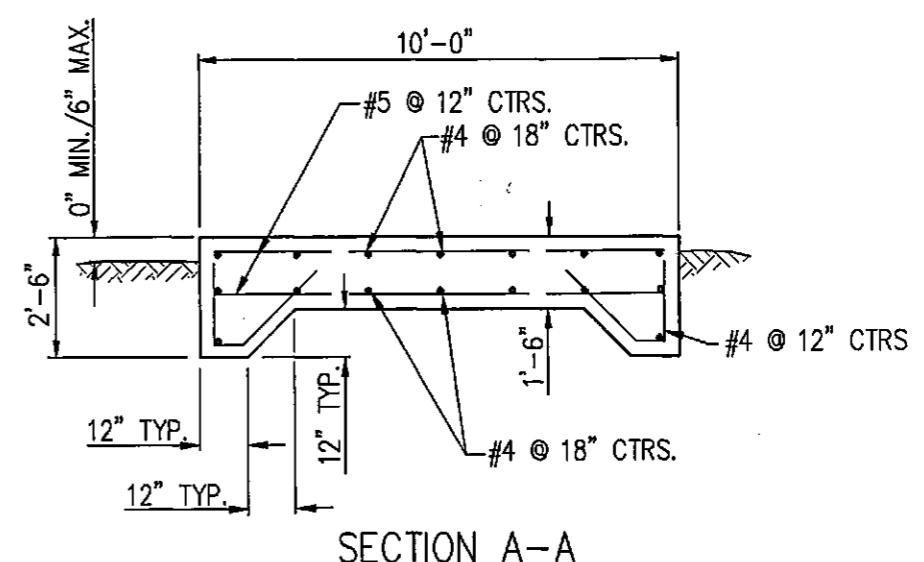
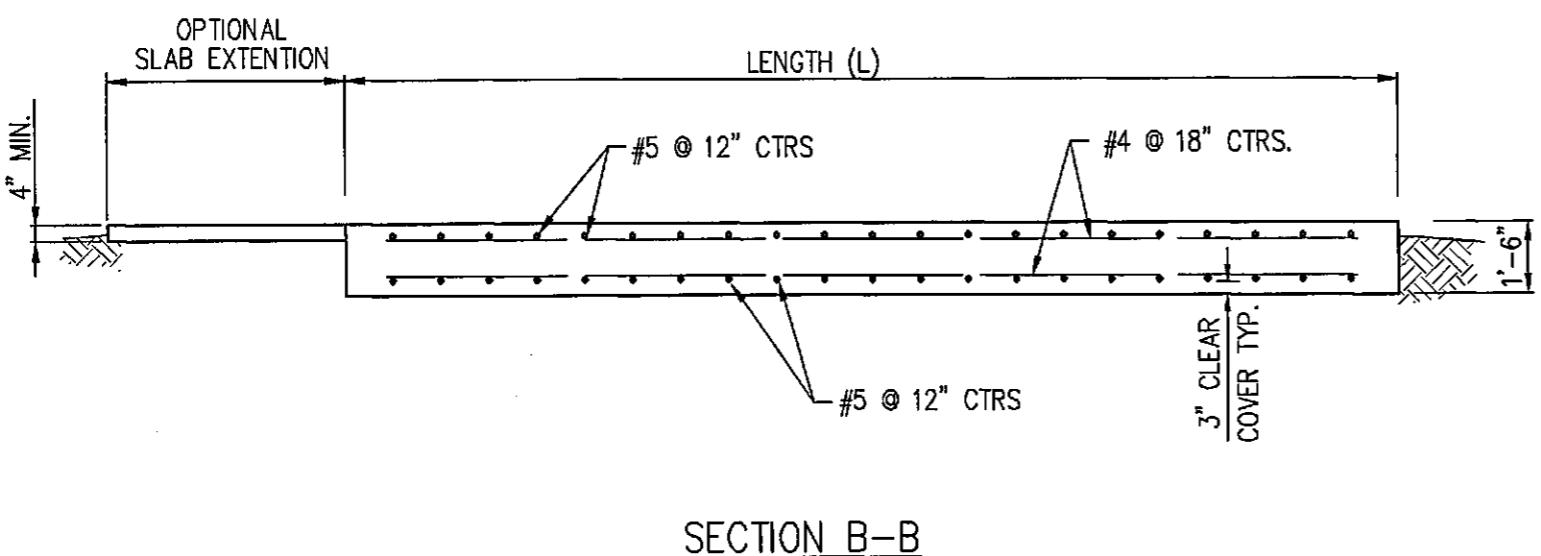
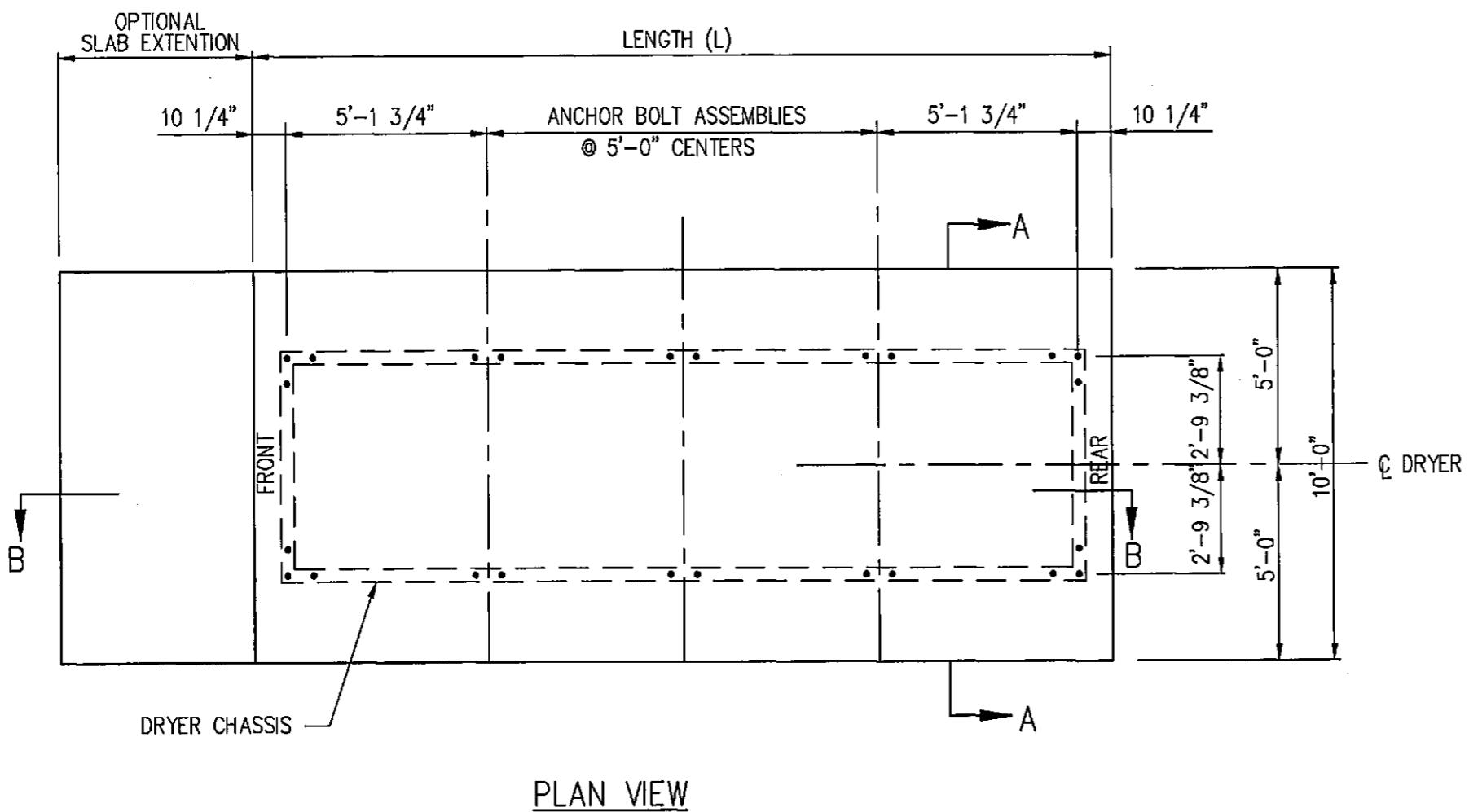
MILLER &
ASSOCIATES
CONSULTING
ENGINEERS,
P.C.SCALE:
1/4" = 1'-0"
PROJECT NO.
130-P167-002
DATE:
JANUARY, 1997
DRAWN BY:
BKS
APPROVED BY:
SW
DRAWING NO.
6704**FOUNDATION PLAN**

MSF-DP-DPSL SERIES

DELUX MFG. CO.
AIR BASE ROAD
KEARNEY, NEBRASKA

ECN	DATE	CHANGE	AUTH

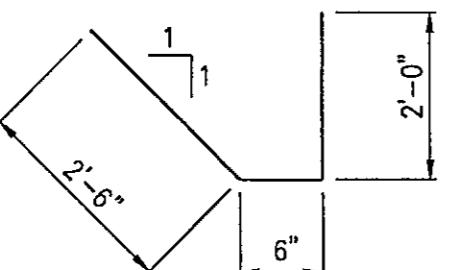
- NOTES:
1. "FRONT" INDICATES CONTROL PANEL END OF DRYER.
 2. OPTIONAL SLAB EXTENSION IS FOR CONCRETE WORK AREA AT CONTROL PANEL END. A MINIMUM LENGTH OF 5 FEET SHOULD BE USED.



MODEL NO.	FOOTING LENGTH (L)	CONCRETE C.Y.	REINF. STEEL
DP 3015	12'	8.0	26-#5x 9'-6"
DPSL 3520			14-#4x 11'-6"
MSF 31010			26-#4x 5'-0" BENT
MSF 41515			
DP 4025	17'	11.3	36-#5x 9'-6"
DPSL 4530			16-#4x 16'-6"
MSF 62520			36-#4x 5'-0" BENT
MSF 72525			
DP 6030	22'	14.7	46-#5x 9'-6"
DPSL 7040			16-#4x 21'-6"
			46-#4x 5'-0" BENT
DP 7550	27'	18.0	56-#5x 9'-6"
DPSL 8560			16-#4x 26'-6"
			56-#4x 5'-0" BENT
DP 9045	32'	21.3	66-#5x 9'-6"
DPSL 10560			16-#4x 31'-6"
			66-#4x 5'-0" BENT
DP 12060	42'	28.0	86-#5x 9'-6"
DPSL 14080			16-#4x 41'-6"
			86-#4x 5'-0" BENT

NOTES:

QUANTITY CONCRETE SHOWN IN THIS TABLE IS BASED ON THE NEAT FOOTING DIMENSIONS AND IS PROVIDED FOR INFORMATION ONLY. ACTUAL QUANTITY REQUIRED MAY VARY BASED ON EXCAVATION DIMENSIONS; OPTIONAL SLAB EXTENSION AND YIELD OF CONCRETE SUPPLIED.



BENDING DIAGRAM
FOR #4 REBAR

ECN	DATE	CHANGE	AUTH
	9/30/98	ADDED MODEL No.s DPSL & MSF	SKJ



MILLER &
ASSOCIATES
CONSULTING
ENGINEERS,
P.C.

SCALE:

PROJECT NO.

130-P167-002

DATE:

JANUARY, 1997

DRAWN BY:

BKS

APPROVED BY:

SKJ

DRAWING NO.

6803

FOUNDATION PLAN
MSF-DP-DPSL SERIES

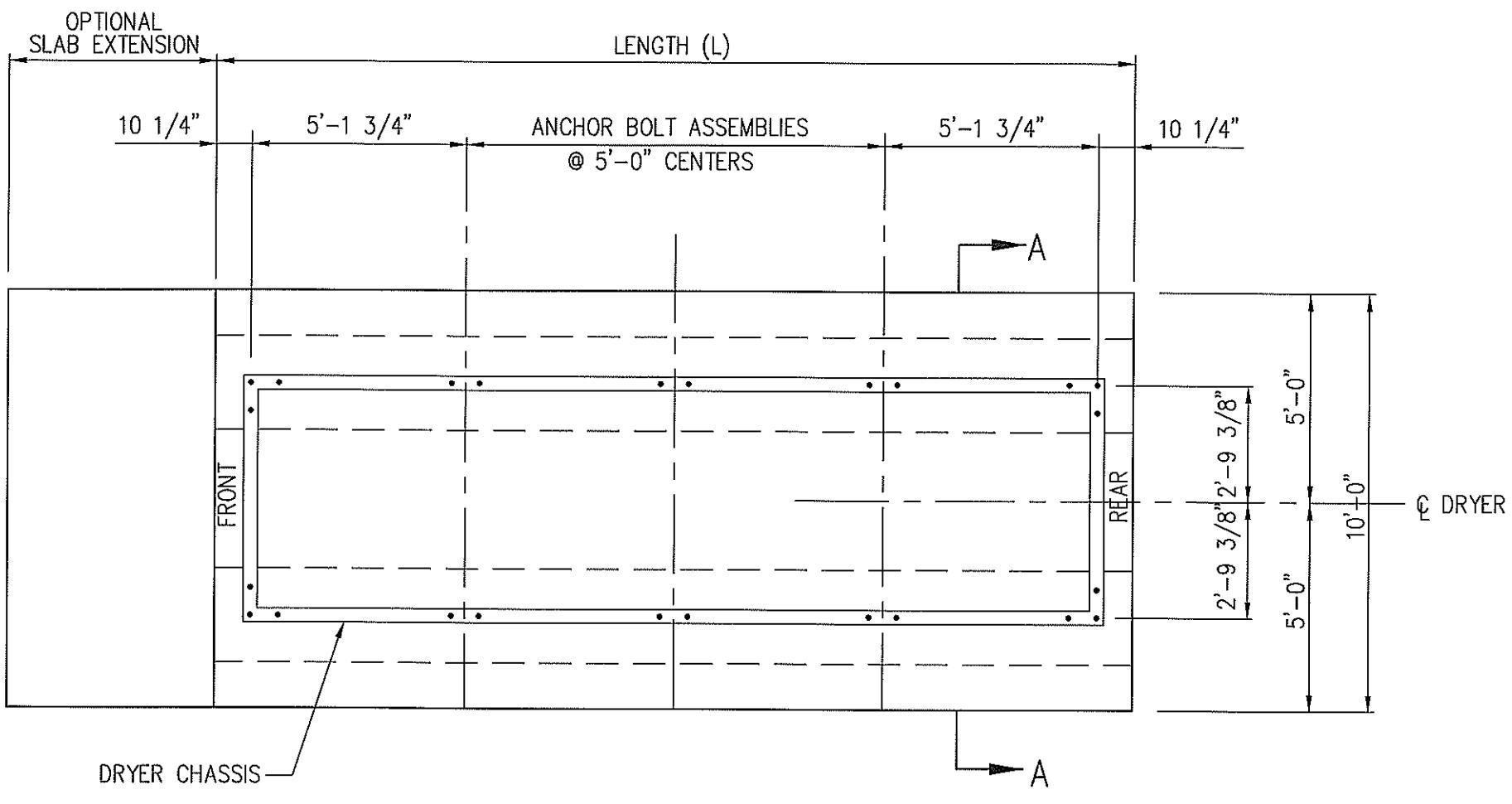
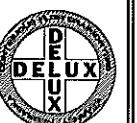
DELUX MFG. CO.
AIR BASE ROAD
KEARNEY, NEBRASKA



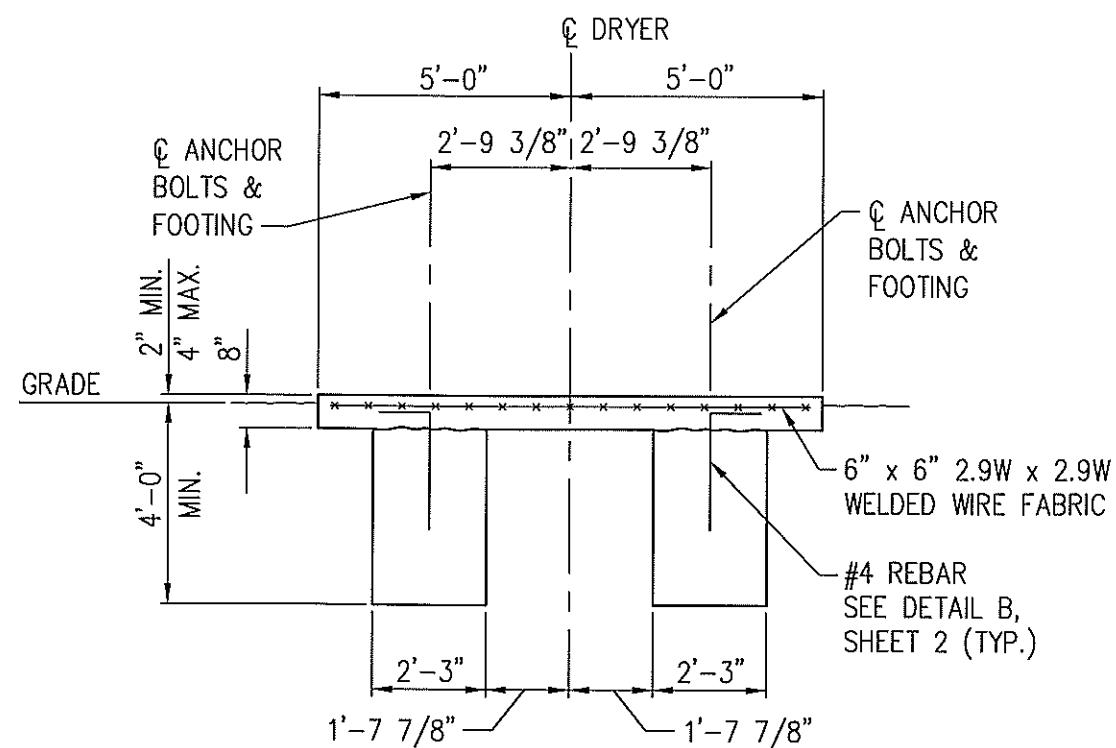
DELUX DRAWING NO.
900-006320

SHEET 2 OF 2





PLAN VIEW



SECTION A-A

ECN	DATE	CHANGE	AUTH

NOTES:

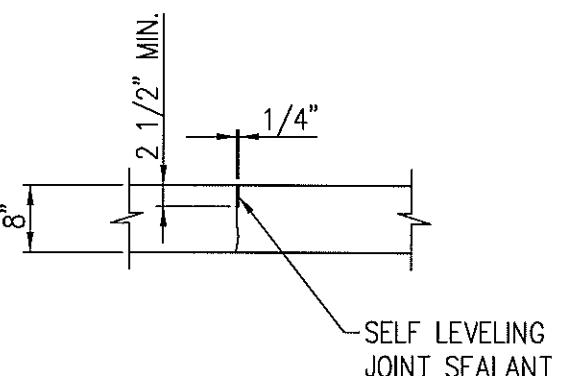
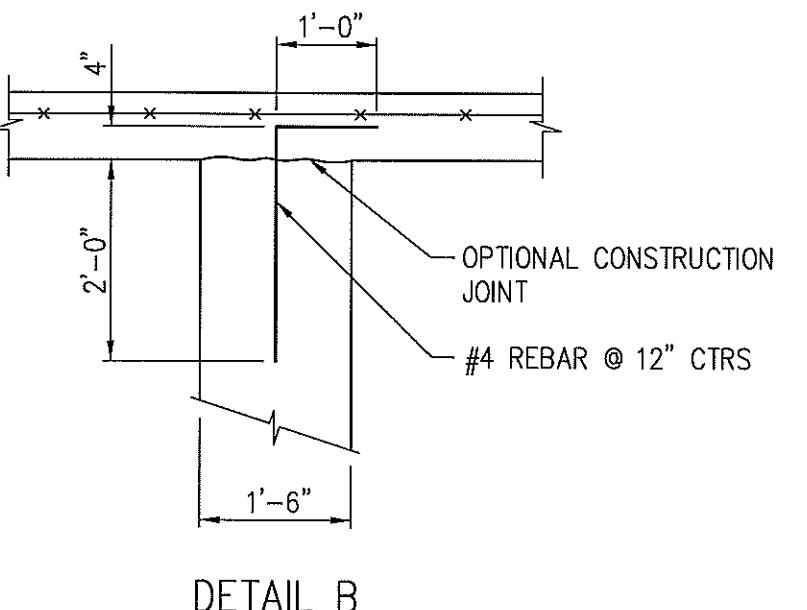
1. "FRONT" INDICATES CONTROL PANEL END OF DRYER.
2. OPTIONAL SLAB EXTENSION IS FOR CONCRETE WORK AREA AT CONTROL PANEL END. A MINIMUM LENGTH OF 5 FEET SHOULD BE USED.

GENERAL NOTES

1. THIS FOOTING IS DESIGNED IN ACCORDANCE WITH THE 2004 INTERNATIONAL BUILDING CODE. BASIC WIND SPEED IS 90 MPH, EXPOSURE C.
2. FOOTINGS ARE DESIGNED FOR THE SPECIFIC MODEL NUMBER LISTED WITH A 4 FOOT MAXIMUM LEG EXTENSION.
3. DRYER MUST BE LEVEL ALONG LENGTH AND WIDTH AT ALL TIMES DURING DRYING PROCESS.
4. CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 3000 PSI.
5. REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.
6. ANCHOR BOLTS SHALL BE 5/8"x 6" ALL THREAD RODS WITH HEX NUT AND WASHER MEETING THE REQUIREMENTS OF ASTM A307. DRILL 3/4"Ø x 6" HOLES IN CONCRETE THROUGH DRYER BASE PLATE. USE SIMPSON EPOXY-TIE ADHESIVE OR EQUAL TO BOND ANCHOR BOLTS IN CONCRETE.
7. MINIMUM SOIL BEARING CAPACITY SHALL BE 1800 PSF.
8. THE 8" REINFORCED SLAB MAY BE EXTENDED BEYOND THE LIMITS SHOWN FOR ADDITIONAL SERVICE AREA.

ECN	DATE	CHANGE	AUTH
			 MILLER & ASSOCIATES CONSULTING ENGINEERS, P.C. <p>This document, and the ideas and designs incorporated herein, as an instrument of professional services, is the property of Miller & Associates and is not to be used in whole or in part, for any other project without the written authorization of Miller & Associates.</p> <p>SCALE: <u>1/4" = 1'-0"</u></p> <p>PROJECT NO. <u>130-PI67-006</u></p> <p>DATE: <u>APRIL, 2007</u></p> <p>DRAWN BY: <u>DMH</u></p>

* CONCRETE QUANTITY SHOWN IN THIS TABLE IS BASED ON NEAT FOOTING DIMENSIONS AND IS PROVIDED FOR INFORMATION ONLY. ACTUAL QUANTITY REQUIRED MAY VARY.



PROVIDE TRANSVERSE
CONTROL JOINTS AT 12'
MINIMUM SPACING.

DETAIL B

CONTROL JOINT



ELUX DRAWING NO.
000-006321
VEET 05

Digitized by srujanika@gmail.com



MILLER &
ASSOCIATES
CONSULTING
ENGINEERS,
P.C.

SCALE:
1/4" = 1'-0"
PROJECT NO.
130-P167-002
DATE:
JANUARY, 1997
DRAWN BY:
BKS
APPROVED BY:
SVJ
DRAWING NO.
688

FOUNDATION PLAN

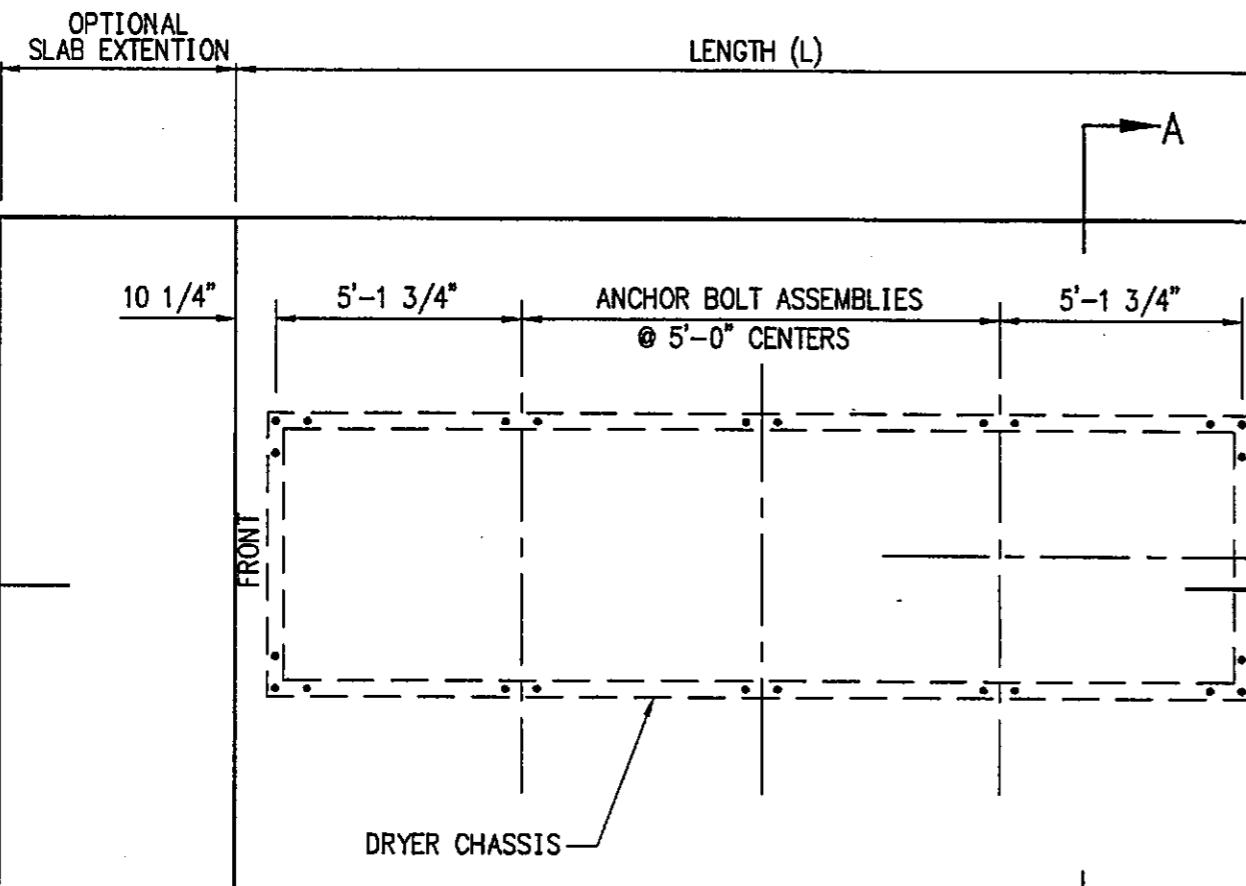
DPX4T SERIES

DELUX MFG. CO.
AIR BASE ROAD
KEARNEY, NEBRASKA



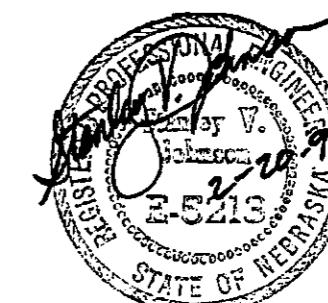
DELUX DRAWING NO.
900-006322

SHEET 1 OF 2

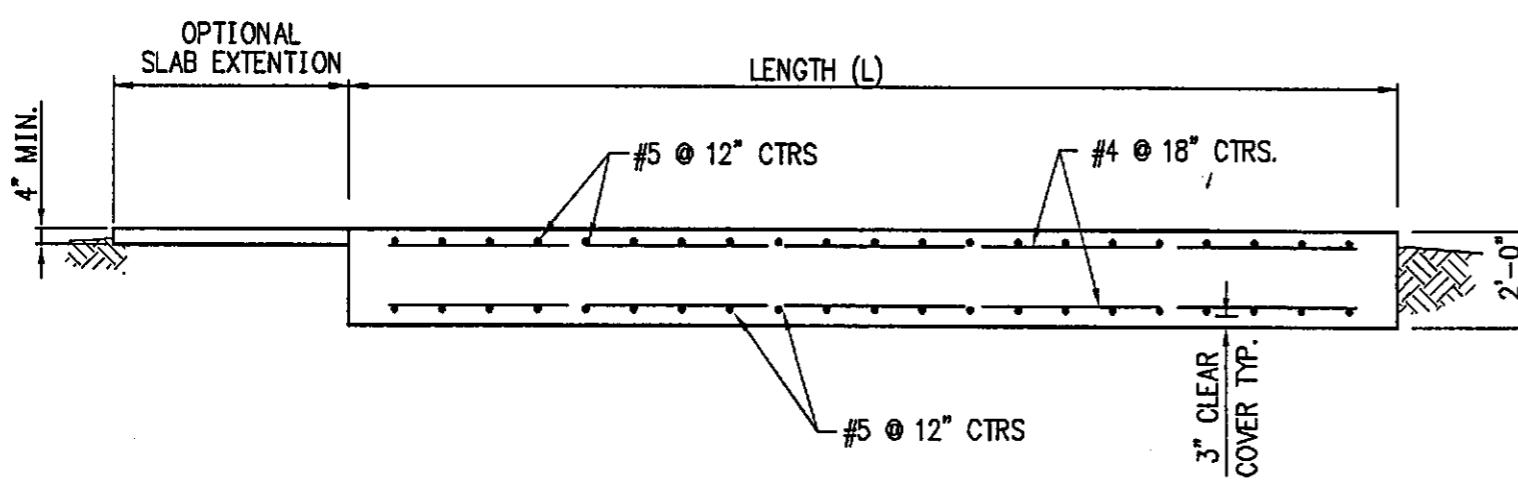


ECN	DATE	CHANGE	AUTH

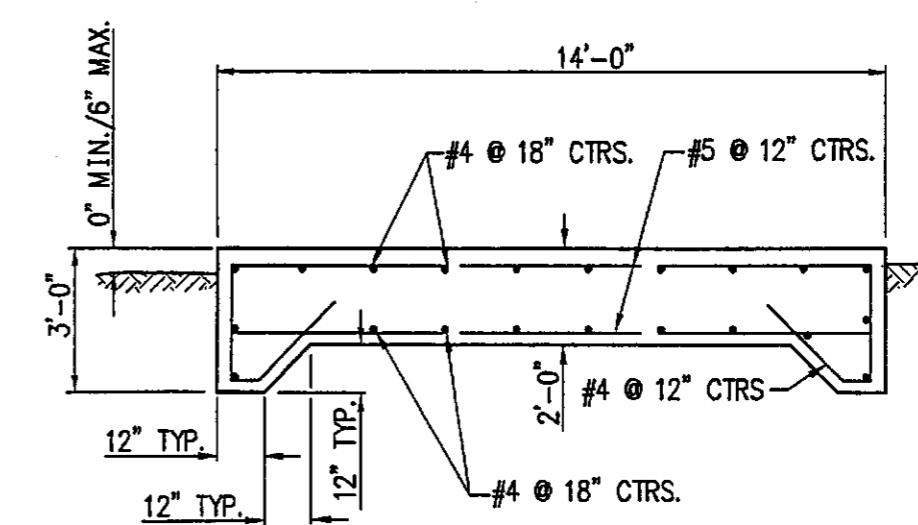
- NOTES:
1. "FRONT" INDICATES CONTROL PANEL END OF DRYER.
 2. OPTIONAL SLAB EXTENSION IS FOR CONCRETE WORK AREA AT CONTROL PANEL END. A MINIMUM LENGTH OF 5 FEET SHOULD BE USED.



PLAN VIEW



SECTION B-B

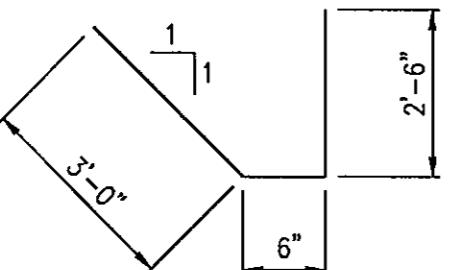


SECTION A-A

MODEL NO.	FOOTING LENGTH (L)	CONCRETE C.Y.	REINF. STEEL	ANCHOR BOLT ASSEMBLIES	
				CORNER	SIDE
DPX4T 5630	12'	13.8	26-#5x 13'-6" 22-#4x 11'-6" 26-#4x 6'-0" BENT	4	2
DPX4T 8460	17'	19.5	36-#5x 13'-6" 22-#4x 16'-6" 36-#4x 6'-0" BENT	4	4
DPX4T 11260	22'	25.3	46-#5x 13'-6" 22-#4x 21'-6" 46-#4x 6'-0" BENT	4	6
DPX4T 140100	27'	31.0	56-#5x 13'-6" 22-#4x 26'-6" 56-#4x 6'-0" BENT	4	8
DPX4T 16890	32'	37.4	66-#5x 13'-6" 22-#4x 31'-6" 66-#4x 6'-0" BENT	4	10
DPX4T 224120	42'	48.2	86-#5x 13'-6" 22-#4x 41'-6" 86-#4x 6'-0" BENT	4	14

NOTES:

NOTE: QUANTITY OF CONCRETE SHOWN IN THIS TABLE IS BASED ON THE NEAT FOOTING DIMENSIONS AND IS PROVIDED FOR INFORMATION ONLY. ACTUAL QUANTITY REQUIRED MAY VARY BASED ON EXCAVATION DIMENSIONS, OPTIONAL SLAB EXTENSION AND YIELD OF CONCRETE SUPPLIED.

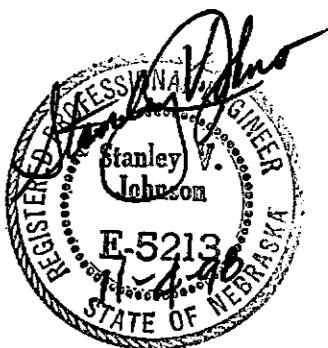


BENDING DIAGRAM
FOR #4 REBAR

ECN	DATE	CHANGE	AUTH
	9/30/98	REVISE MODEL No. w/ DPX4T	

GENERAL NOTES

1. THIS FOOTING IS DESIGNED IN ACCORDANCE WITH THE 1994 UNIFORM BUILDING CODE. BASIC WIND SPEED IS 80 MPH, EXPOSURE C.
 2. FOOTINGS ARE DESIGNED FOR THE SPECIFIC MODEL NUMBER LISTED WITH A 4 FOOT MAXIMUM LEG EXTENSION.
 3. ANCHORS SHALL BE 3-3/4" Ø ANCHOR BOLTS FOR EACH CORNER LEG EXTENSION AND 2-3/4" Ø ANCHOR BOLT FOR EACH SIDE LEG EXTENSION. PROVIDE 2" x 2" x 1/4" PLATE WASHER FOR EACH ANCHOR BOLT.
 4. DRYER MUST BE LEVEL ALONG LENGTH AND WIDTH AT ALL TIMES DURING DRYING PROCESS.
 5. CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 3000 PSI.
 6. REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.
 7. MINIMUM SOIL BEARING CAPACITY SHALL BE 1300 PSF.



DELUX MFG. CO
AIR BASE ROAD
KEARNEY, NEBRASKA

FOUNDATION PLAN

DBX4T GEDIES

DPX4T SERIES



MILLER &
ASSOCIATES
CONSULTING
ENGINEERS,
P.C.

SCALE: 1/4" = 1'-0"
PROJECT NO. 130-P167-002
DATE: JANUARY, 1997
DRAWN BY: BKS
APPROVED BY: SKJ
DRAWING NO. 6810

FOUNDATION PLAN

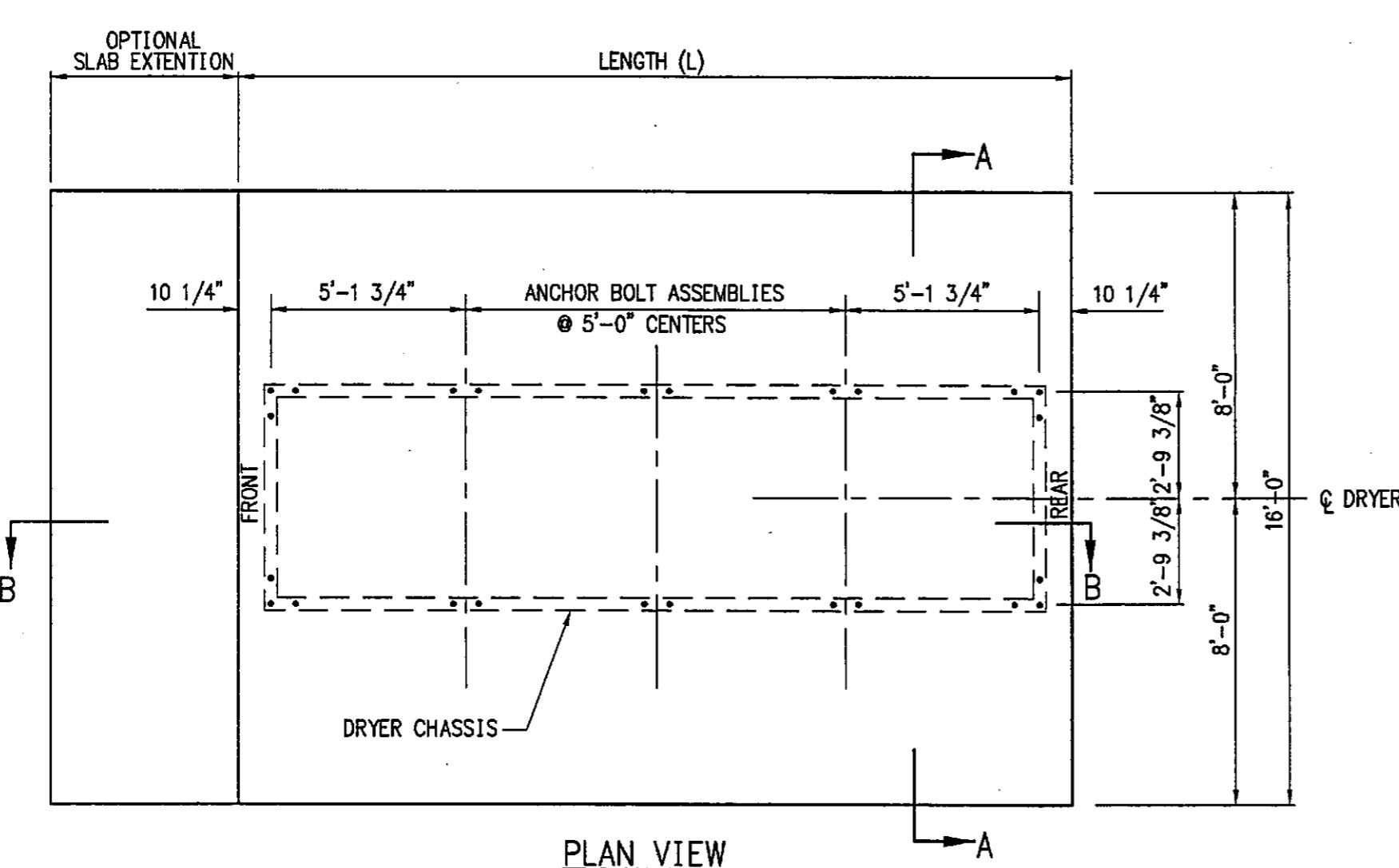
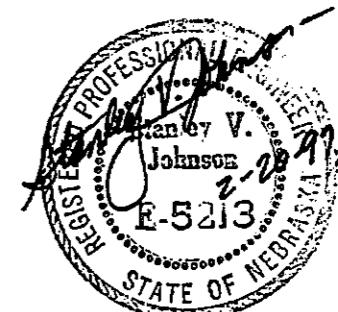
DIXXET SERIES

DOPX8T SERIES

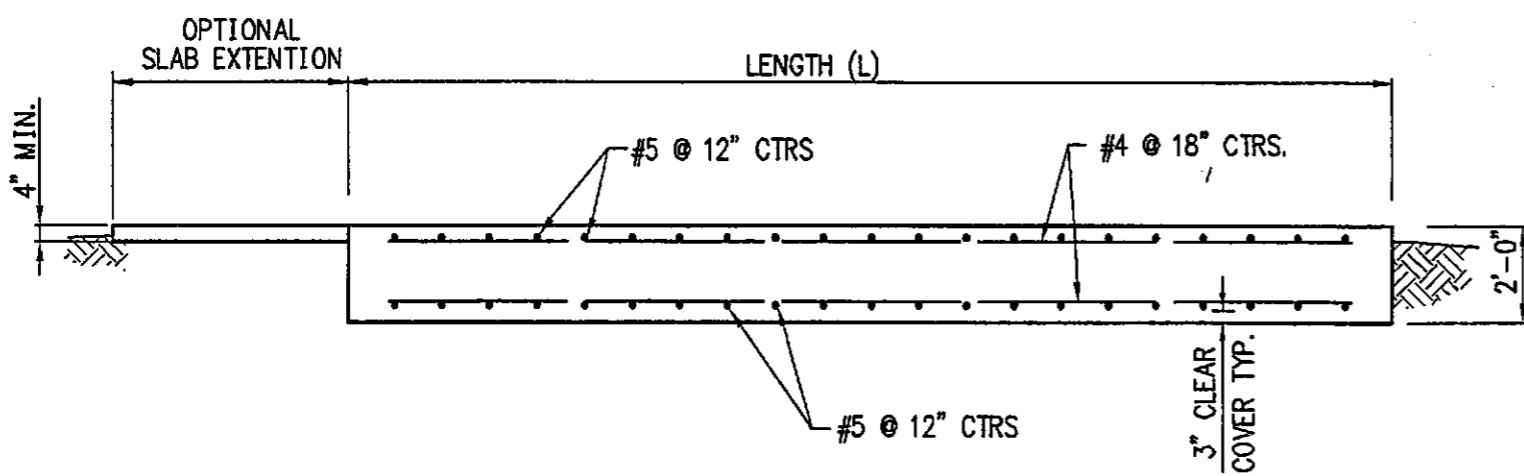
ECN	DATE	CHANGE	AUTH
			 MILLER & ASSOCIATES CONSULTING ENGINEERS, P.C. SCALE: $1/4'' = 1'-0''$ PROJECT NO. 130-P167-002 DATE: JANUARY, 1997 DRAWN BY: BKS APPROVED BY: SKJ

NOTES:

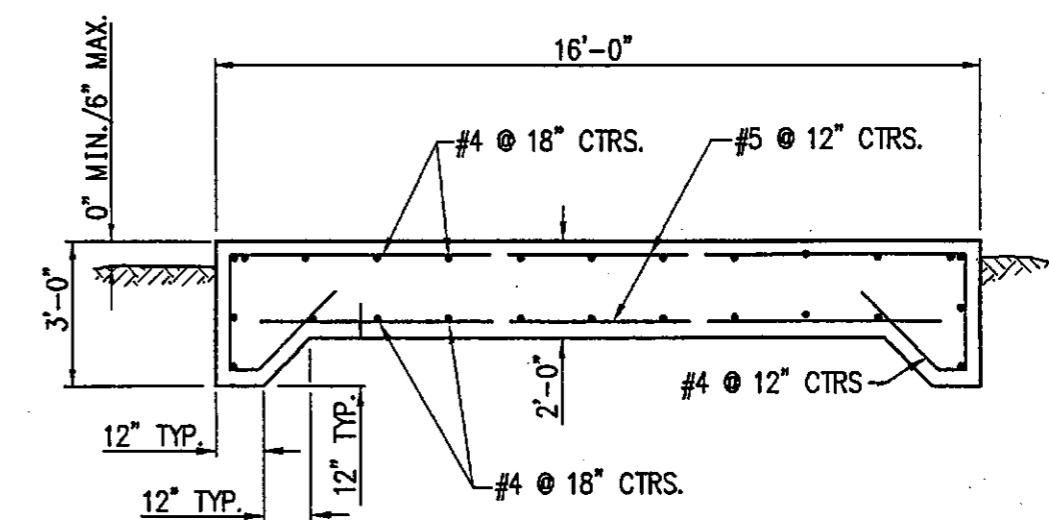
1. "FRONT" INDICATES CONTROL PANEL END OF DRYER.
 2. OPTIONAL SLAB EXTENSION IS FOR CONCRETE WORK AREA AT CONTROL PANEL END. A MINIMUM LENGTH OF 5 FEET SHOULD BE USED.



PLAN VIEW



SECTION B-B



SECTION A-A

卷之三

DELUX MFG. CO.
AIR BASE ROAD
KEARNEY, NEBRASKA



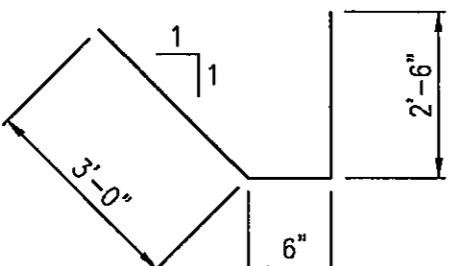
DELUX DRAWING NO.
900-006323

SHEET 1 OF 2

MODEL NO.	FOOTING LENGTH (L)	CONCRETE C.Y.	REINF. STEEL	ANCHOR BOLT ASSEMBLIES	
				CORNER	SIDE
DPX8T 6440	12'	15.6	26-#5x 15'-6"	4	2
			24-#4x 11'-6"		
			26-#4x 6'-0" BENT		
DPX8T 12880	22'	28.5	46-#5x 15'-6"	4	6
			24-#4x 21'-6"		
			46-#4x 6'-0" BENT		
DPX8T 160120	27'	35.1	56-#5x 15'-6"	4	8
			24-#4x 31'-6"		
			56-#4x 6'-0" BENT		
DPX8T 192120	32'	41.5	66-#5x 15'-6"	4	10
			24-#4x 31'-6"		
			66-#4x 6'-0" BENT		
DPX8T 256160	42'	54.4	86-#5x 15'-6"	4	14
			24-#4x 41'-6"		
			86-#4x 6'-0" BENT		

NOTES:

QUANTITY OF CONCRETE SHOWN IN THIS TABLE IS BASED ON THE NEAT FOOTING DIMENSIONS AND IS PROVIDED FOR INFORMATION ONLY. ACTUAL QUANTITY REQUIRED MAY VARY BASED ON EXCAVATION DIMENSIONS, OPTIONAL SLAB EXTENSION AND YIELD OF CONCRETE SUPPLIED.



BENDING DIAGRAM
FOR #4 REBAR

ECN	DATE	CHANGE	AUTH
	9/30/98	REVISED MODEL No.s w/ DPX8T ADDED MODEL No. DPX8T 160120	

MILLER &
ASSOCIATES
CONSULTING
ENGINEERS,
P.C.

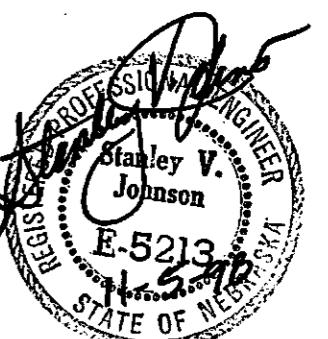
SCALE: NONE
PROJECT NO.
130-P167-D02
DATE:
JANUARY, 1997
DRAWN BY:
BKS
APPROVED BY:
SW
DRAWING NO.
5809

FOUNDATION PLAN
DPX8T SERIES

DELUX MFG. CO.
AIR BASE ROAD
KEARNEY, NEBRASKA

REG'D PROFESSIONAL ENGINEER
Stanley V. Johnson
E-5213
STATE OF NEBRASKA

DELUX DRAWING NO.
900-006323
SHEET 2 OF 2





MILLER &
ASSOCIATES
CONSULTING
ENGINEERS,
P.C.

SCALE:

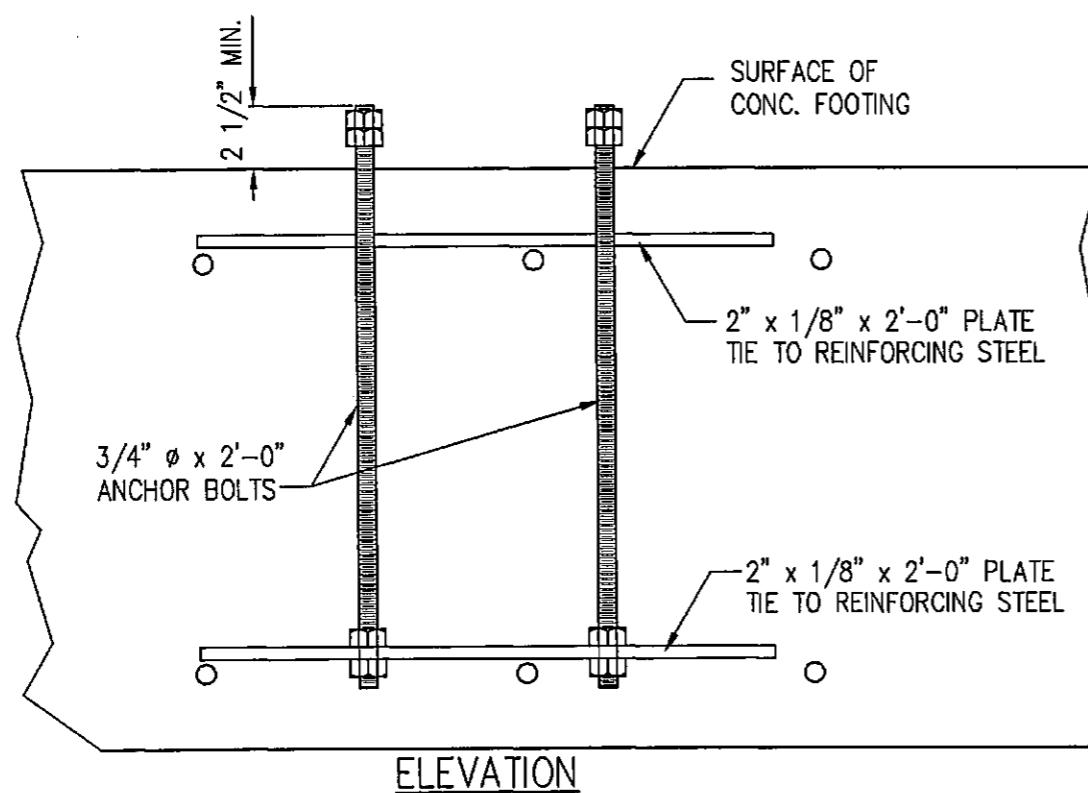
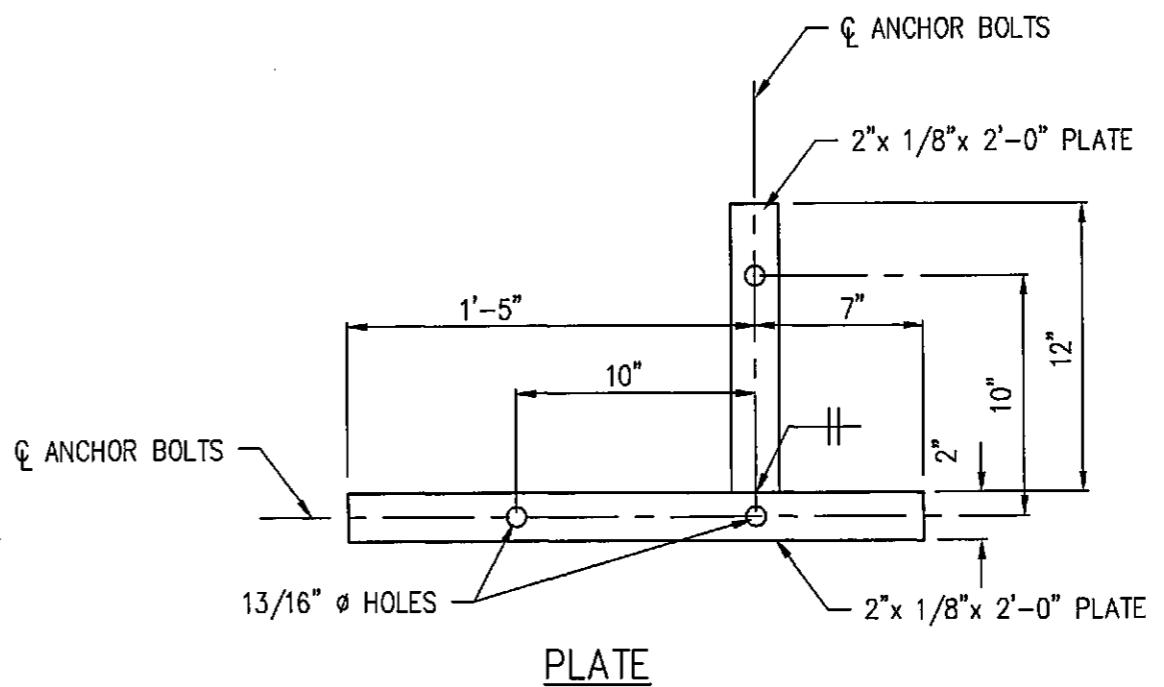
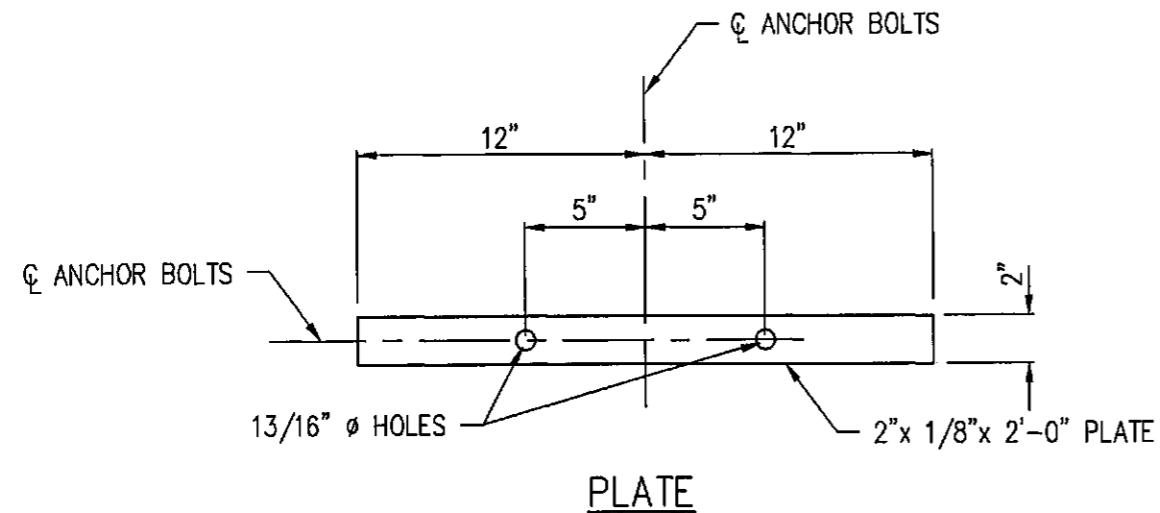
PROJECT NO.
130-P167-002

DATE:
JANUARY, 1997

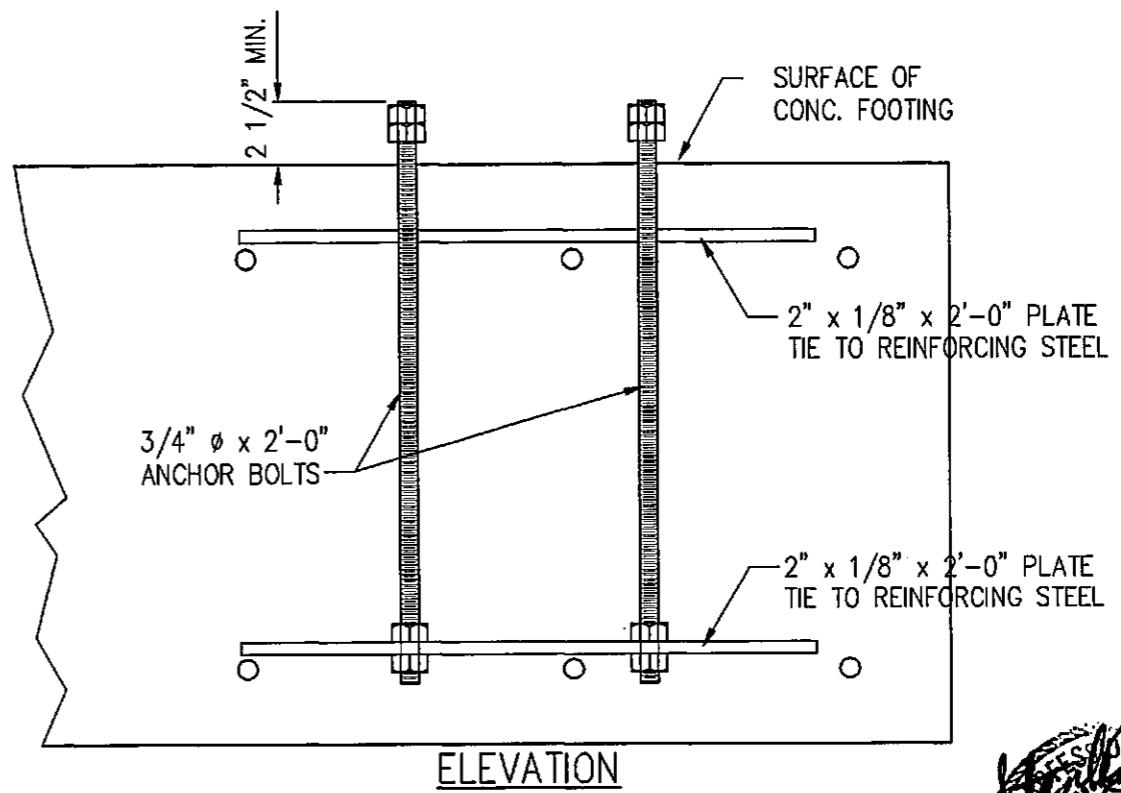
DRAWN BY:
BKS

APPROVED BY:
SW

DRAWING NO.
6803B



SIDE ANCHOR BOLT ASSEMBLY

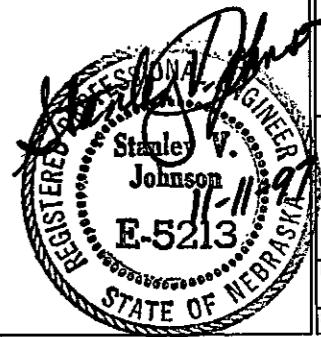


CORNER ANCHOR BOLT ASSEMBLY

ANCHORS

DPX4T AND DPXST SERIES

DELUX MFG. CO.
AIR BASE ROAD
KEARNEY, NEBRASKA



DELUX DRAWING NO.
900-006327

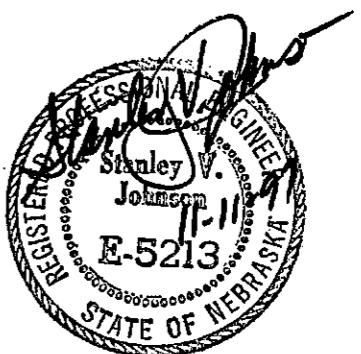
STATE OF NEBRASKA
SHEET 1 OF 1

ECN	DATE	CHANGE	AUTH

MA

MILLER &
ASSOCIATES
CONSULTING
ENGINEERS,
P.C.

SCALE:
 $1 \frac{1}{2}'' = 1'-0''$
PROJECT NO.
130-P167-002
DATE:
JANUARY, 1997
DRAWN BY:
EKS
APPROVED BY:
SVJ
DRAWING NO.
6603C

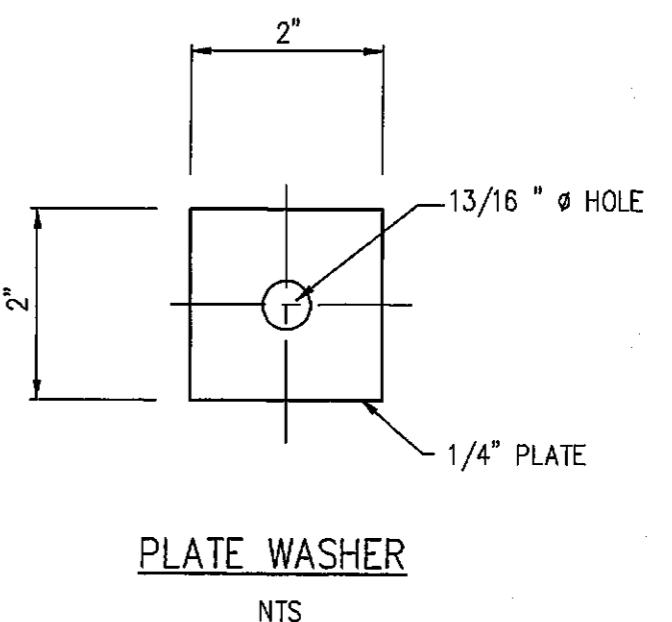
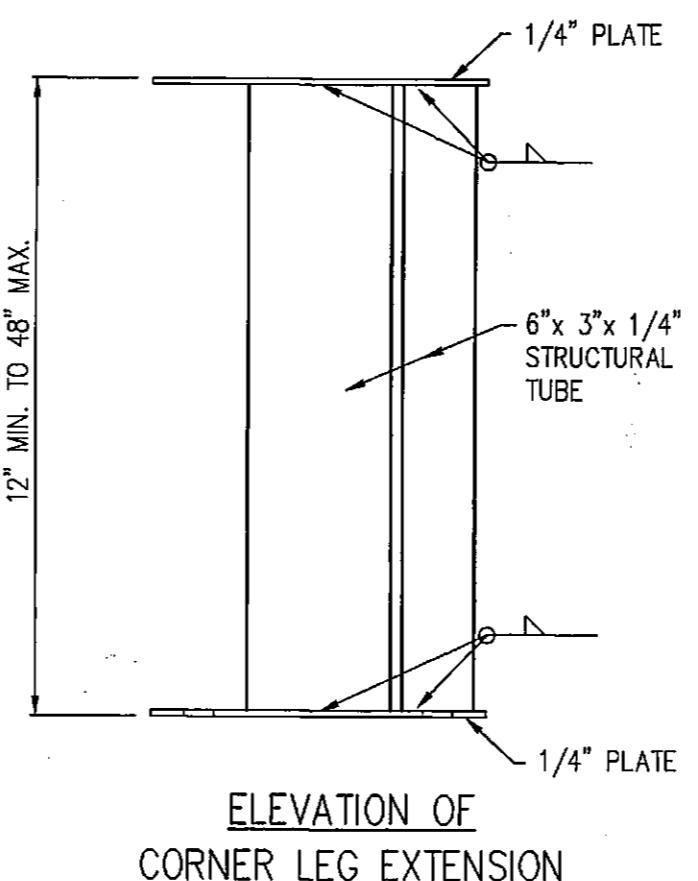
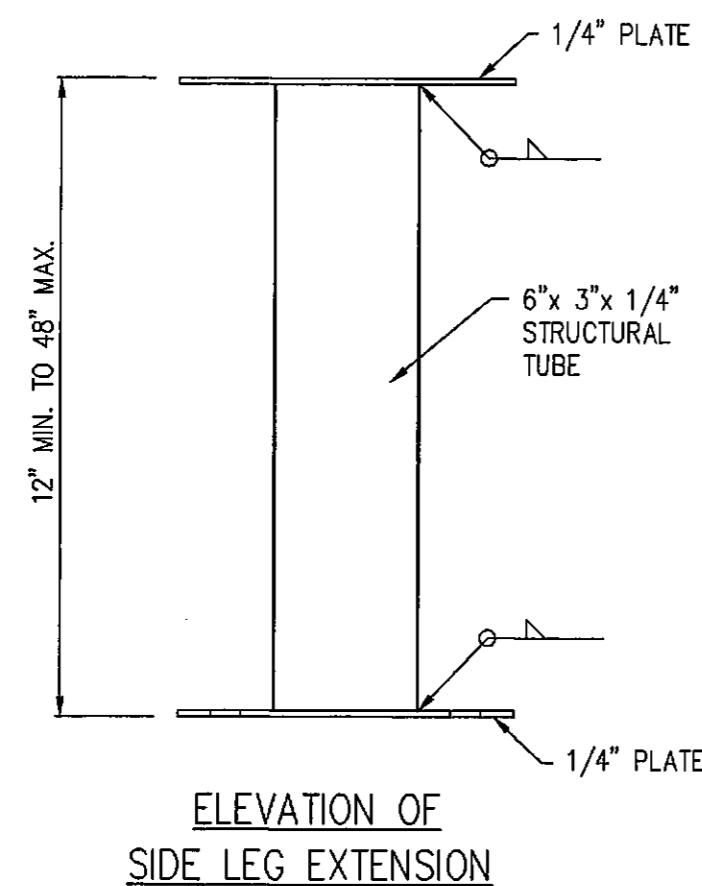
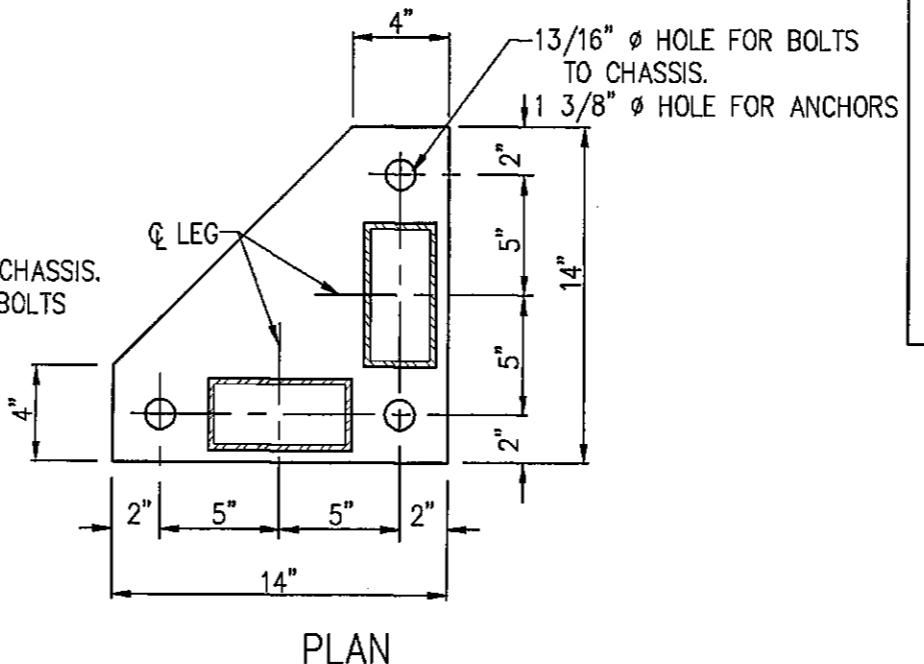
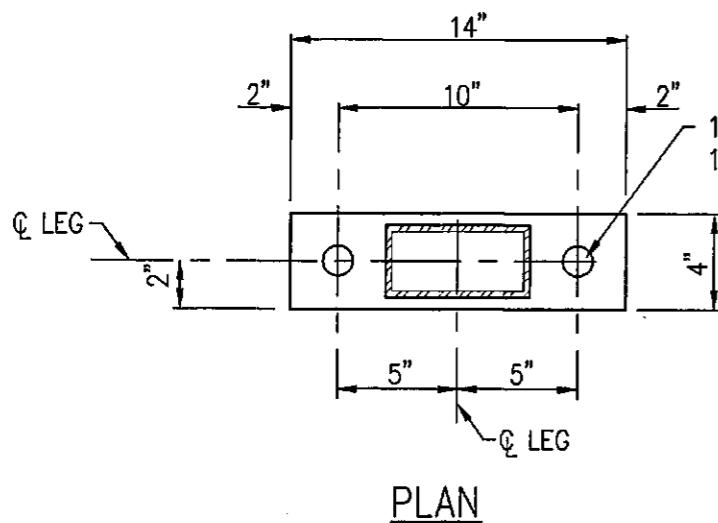


LEG EXTENSION
DPX4T AND DPX8T SERIES

DELUX MFG. CO.
AIR BASE ROAD
KEARNEY, NEBRASKA



DELUX DRAWING NO.
900-006328
SHEET 1 OF 1



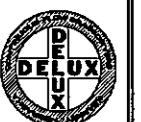
M&A
MILLER &
ASSOCIATES
CONSULTING
ENGINEERS,
P.C.

SCALE:
1/4" = 1'-0"
PROJECT NO.
130-PI67-D03
DATE:
FEBRUARY 2000
DRAWN BY:
GLB
APPROVED BY:
SV
DRAWING NO.
9185

FOUNDATION PLAN

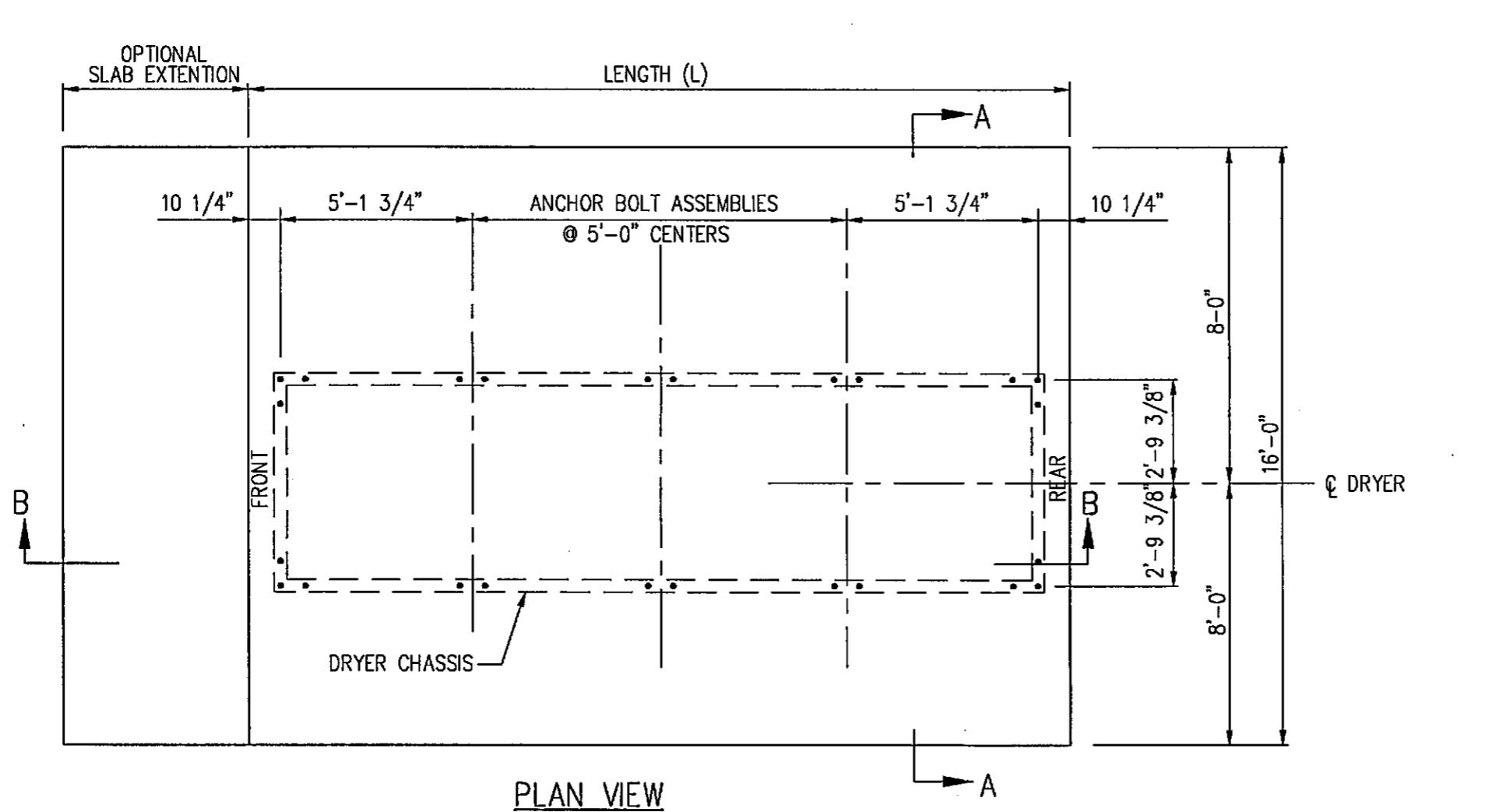
DPX12T SERIES

DELUX MFG. CO.
AIR BASE ROAD
KEARNEY, NEBRASKA



DELUX DRAWING NO.
900-007220

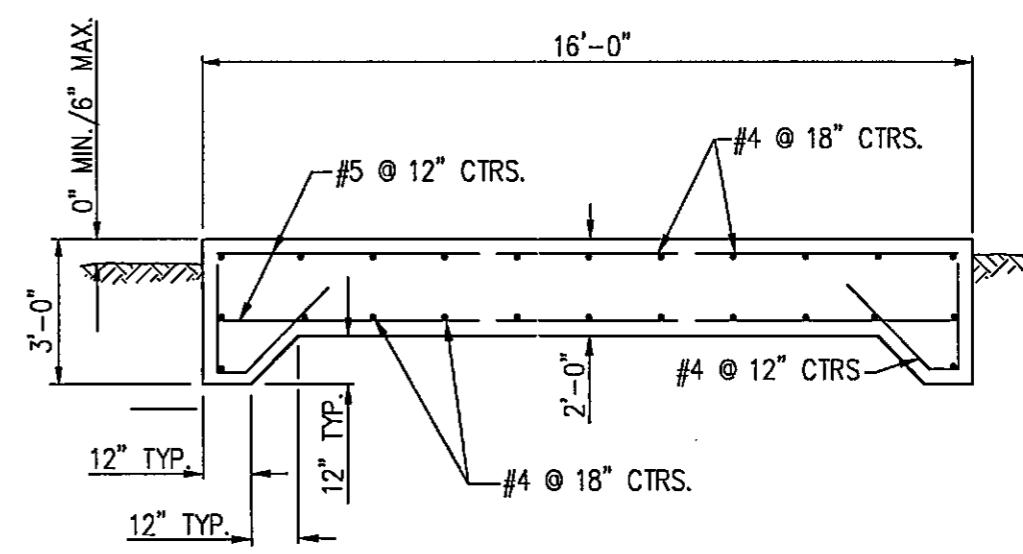
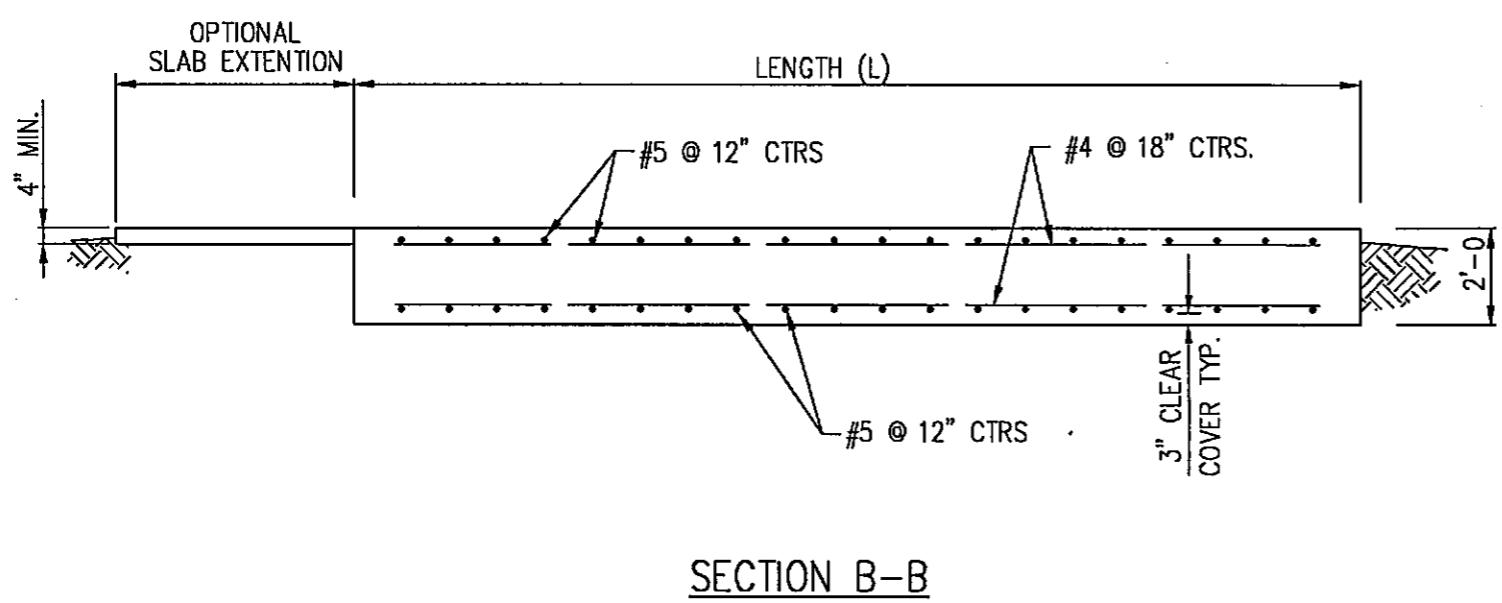
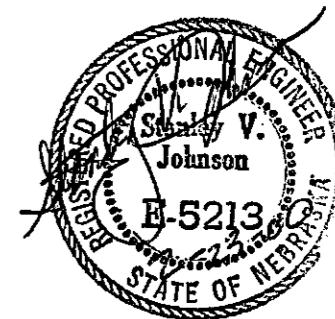
SHEET 1 OF 2



ECN	DATE	CHANGE	AUTH

NOTES:

1. "FRONT" INDICATES CONTROL PANEL END OF DRYER.
2. OPTIONAL SLAB EXTENSION IS FOR CONCRETE WORK AREA AT CONTROL PANEL END. A MINIMUM LENGTH OF 5 FEET SHOULD BE USED.



M&A
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ASSOCIATES
CONSULTING
ENGINEERS,
P.C.

FOUNDATION PLAN
DPX12T SERIES

DELUX MFG. CO.
AIR BASE ROAD
KEARNEY, NEBRASKA



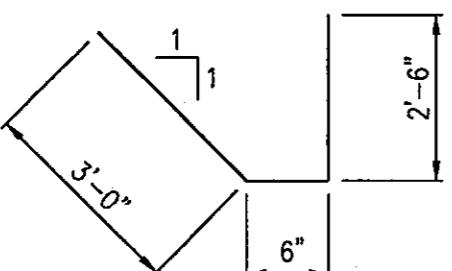
DELUX DRAWING NO.
900-007220

SHEET 2 OF 2

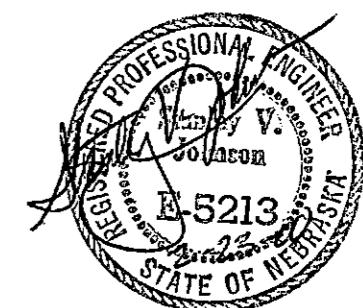
MODEL NO.	FOOTING LENGTH (L)	CONCRETE C.Y.	REINF. STEEL	ANCHOR BOLT ASSEMBLIES		ECN	DATE	CHANGE	AUTH
				CORNER	SIDE				
DPX12T 7250	12'	15.6	26-#5x 15'-6"	4	2				
			24-#4x 11'-6"						
			26-#4x 6'-0" BENT						
DPX12T 10860	17'	22.0	36-#5x 15'-6"	4	4				
			24-#4x 16'-6"						
			36-#4x 6'-0" BENT						
DPX12T 144100	22'	28.5	46-#5x 15'-6"	4	6				
			24-#4x 21'-6"						
			46-#4x 6'-0" BENT						
DPX12T 175120	27'	35.1	56-#5x 15'-6"	4	8				
			24-#4x 26'-6"						
			56-#4x 6'-0" BENT						
DPX12T 216150	32'	41.5	66-#5x 15'-6"	4	10				
			24-#4x 31'-6"						
			66-#4x 6'-0" BENT						
DPX12T 288200	42'	54.4	86-#5x 15'-6"	4	14				
			24-#4x 41'-6"						
			86-#4x 6'-0" BENT						

NOTES:

QUANTITY OF CONCRETE SHOWN IN THIS TABLE IS BASED ON THE NEAT FOOTING DIMENSIONS AND IS PROVIDED FOR INFORMATION ONLY. ACTUAL QUANTITY REQUIRED MAY VARY BASED ON EXCAVATION DIMENSIONS, OPTIONAL SLAB EXTENSION AND YIELD OF CONCRETE SUPPLIED.



BENDING DIAGRAM
FOR #4 REBAR



E-5213

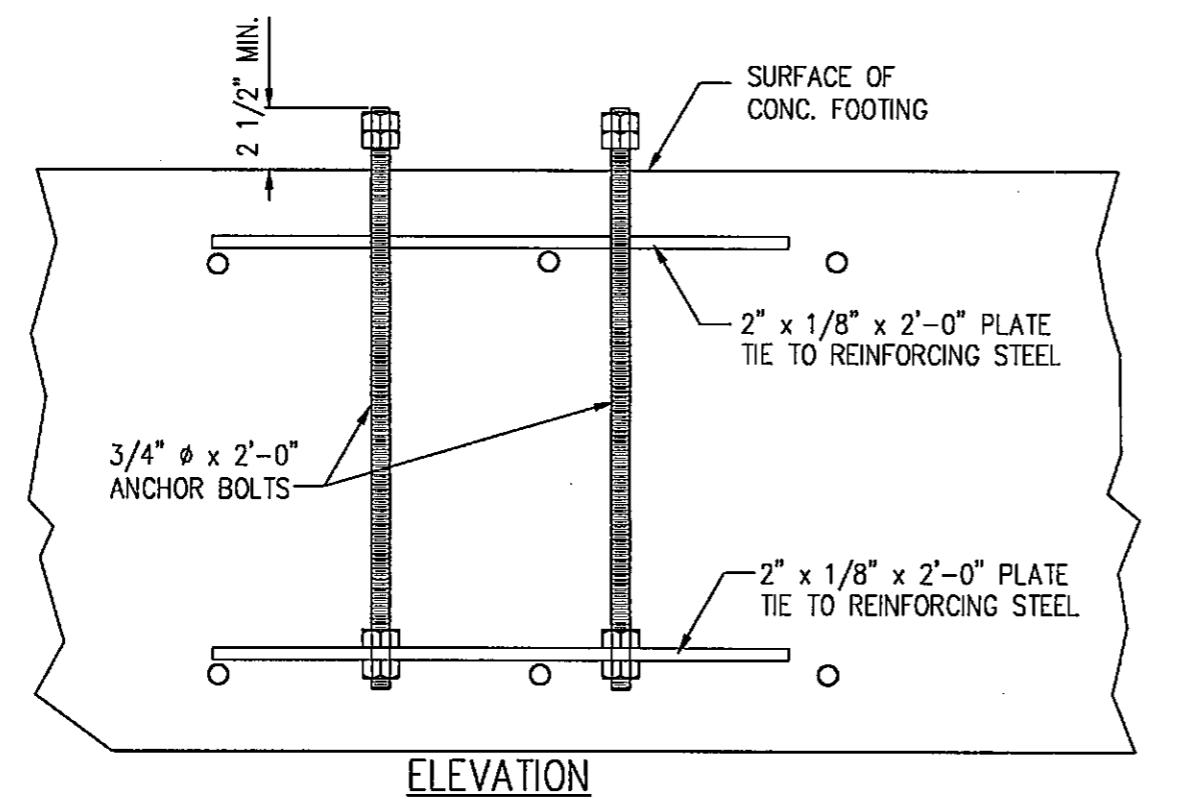
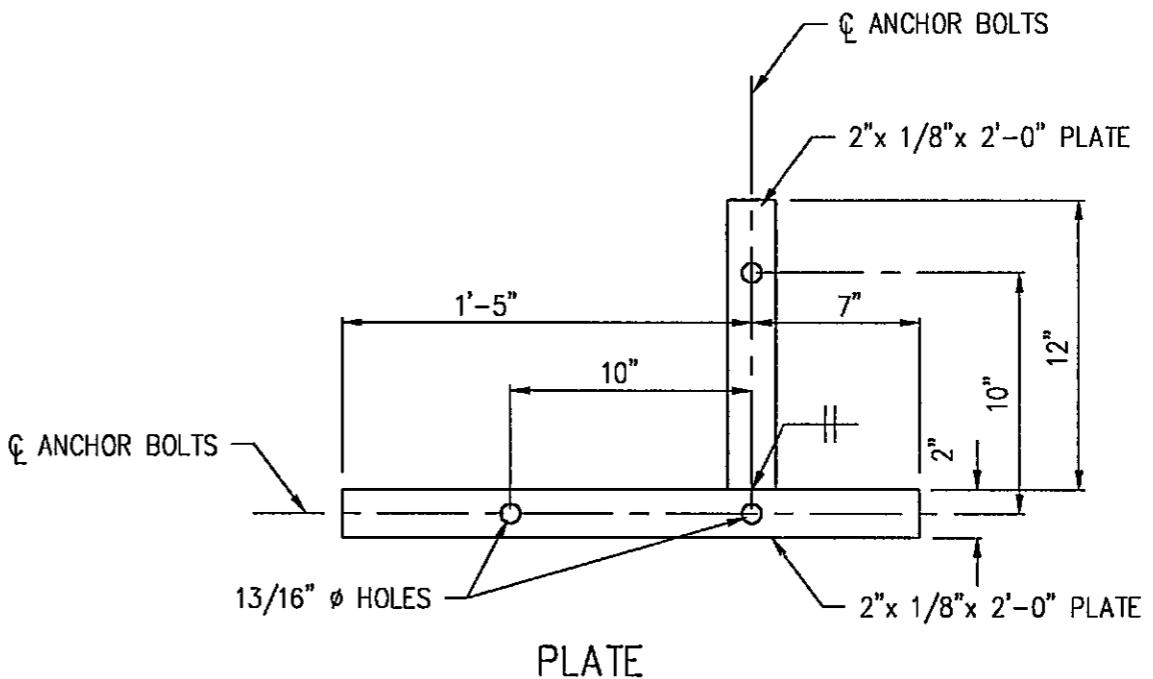
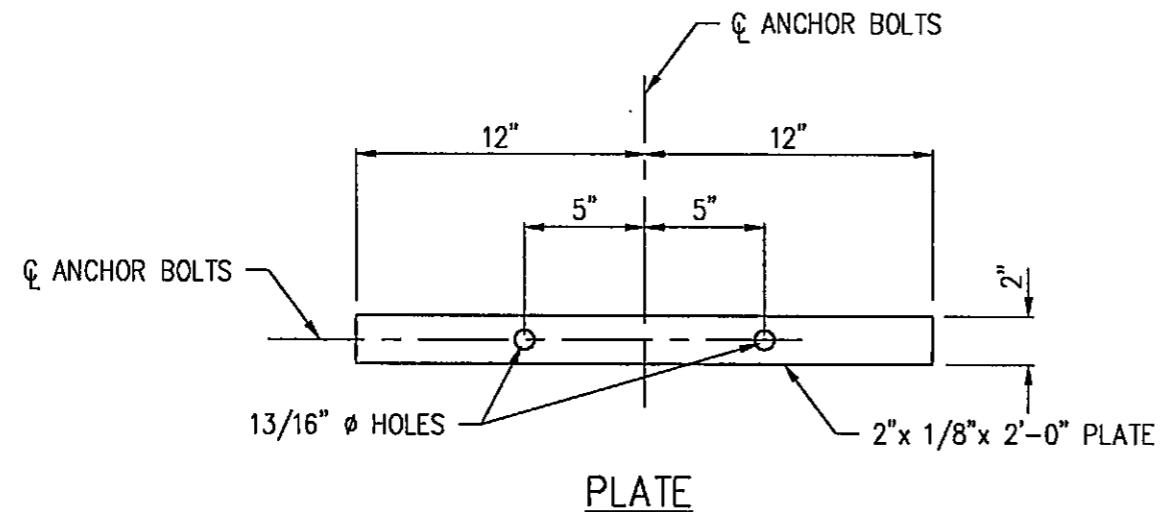
DELUX DRAWING NO.
900-007220

SHEET 2 OF 2

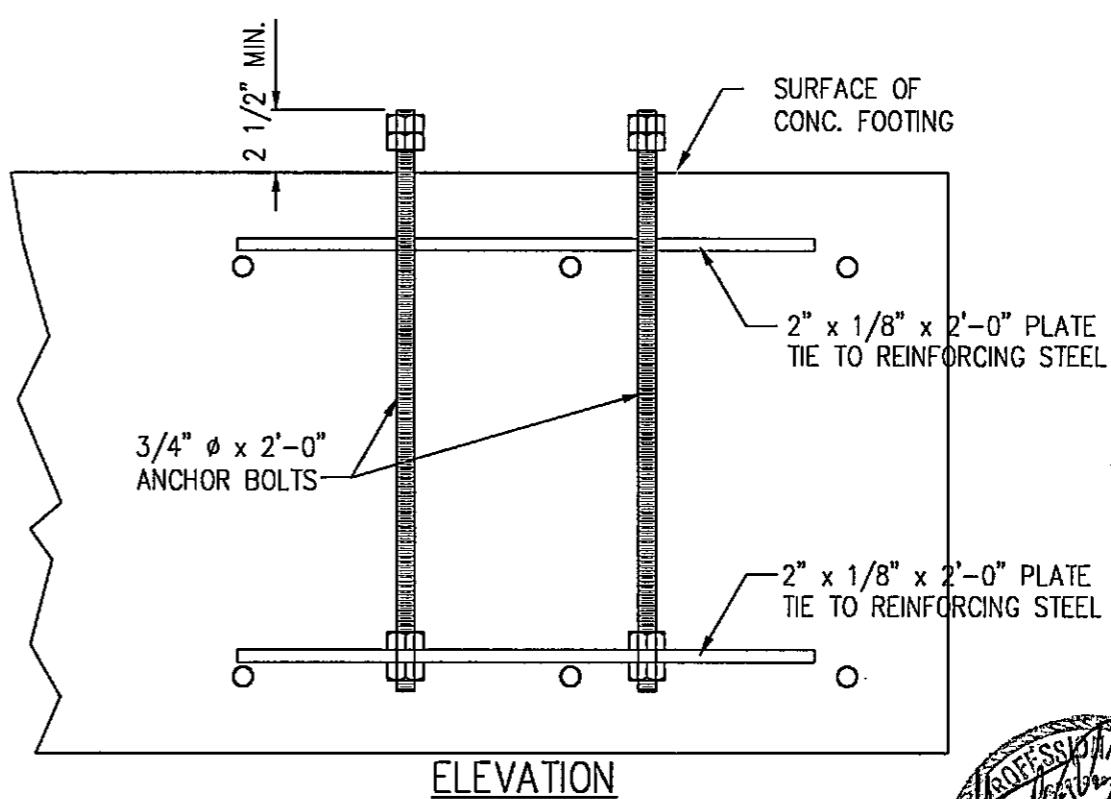
M&A
MILLER &
ASSOCIATES
CONSULTING
ENGINEERS,
P.C.

SCALE:
PROJECT NO.
130-P167-002
DATE:
JANUARY, 1997
DRAWN BY:
BKS
APPROVED BY:
SVJ
DRAWING NO.
9183

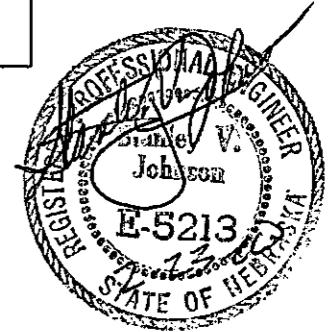
ANCHORS
DPX12T SERIES



SIDE ANCHOR BOLT ASSEMBLY



CORNER ANCHOR BOLT ASSEMBLY



WIRING HOOKUP - FILL SWITCH

FILL SWITCH WIRES	JUNCTION BOX WIRES	
	G2	STD
BLACK	BLUE (W085)	BLACK
WHITE	YEL (W283)	BLK/WHT
GREEN	YEL (W282)	BLK/YEL

WIRING HOOKUP - LOW GRAIN - MOTOR END

LOW GRAIN WIRES MOTOR END	JUNCTION BOX WIRES	
	G2	STD
BLUE	BLUE (W085)	BLUE
YELLOW	YEL (W280)	YELLOW

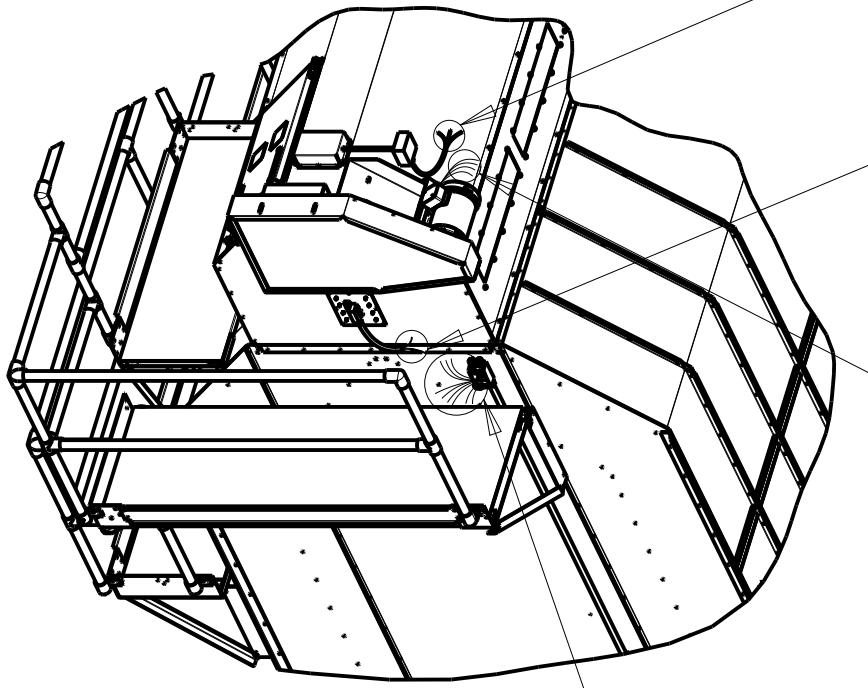
*WIRING HOOKUP - LOW GRAIN - FILL END

LOW GRAIN WIRES FILL END	JUNCTION BOX WIRES	
	G2	STD
BLUE	BLUE (W273)	BLUE
YELLOW	YEL (W281)	YELLOW

*NOT SHOWN - (40FT AND GRAVITY FILL MODELS ONLY)

WIRING HOOKUP - FILL AUGER MOTOR

MOTOR WIRES	MOTOR CONDUIT / JUNCTION BOX WIRES
L1	YELLOW
L2	ORANGE
L3	BROWN
GND	GREEN



JUNCTION BOX

DRAWN BY

MEL

DATE

07/19/17

CHK'D

USED ON:

NEXT ASS'Y:

SCALE

MATL.

SHEAR SIZE

ECO# LET

DESCRIPTION

DATE

NONE

TITLE:

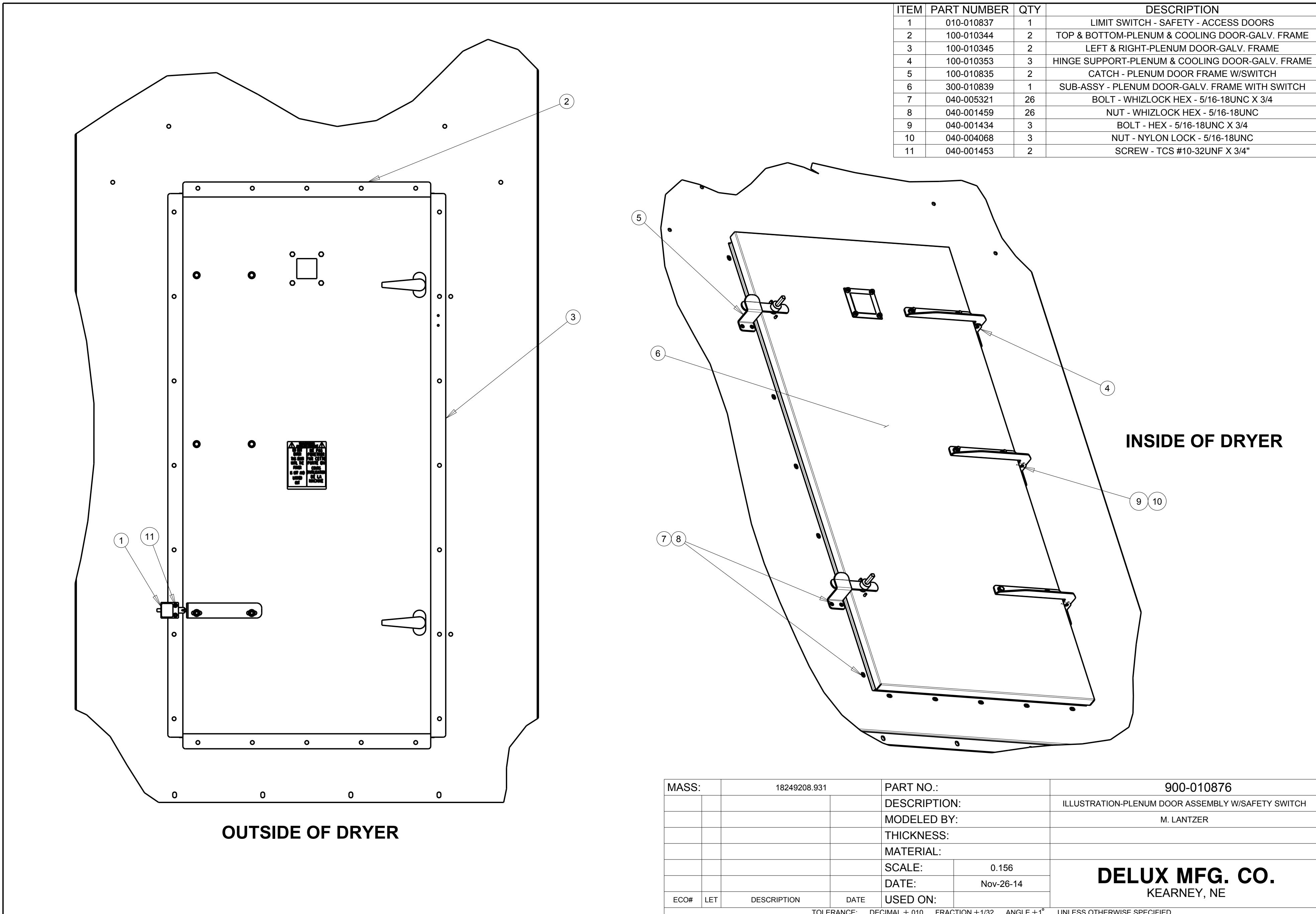
DELUX MFG. CO.
KEARNEY, NE

GARNER WIRING ILLUSTRATION
DP THRU 16GT
STARTING WITH 2016 MODELS

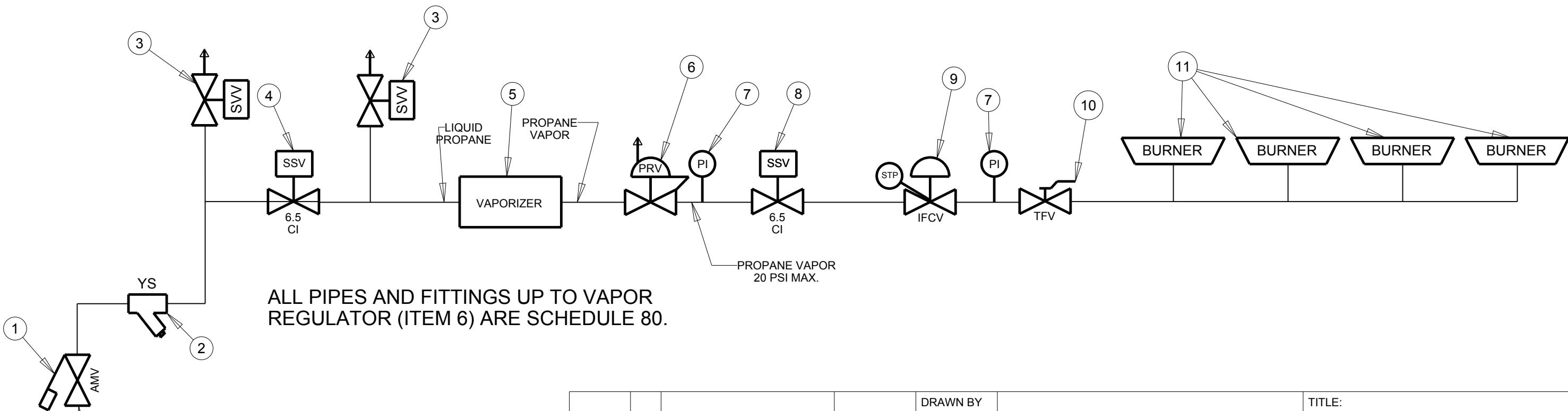
DRAWING NO.

900-011441

TOLERANCE: DECIMAL $\pm .010$ FRACTION $\pm 1/32$ ANGLE $\pm 1^\circ$ UNLESS OTHERWISE SPECIFIED



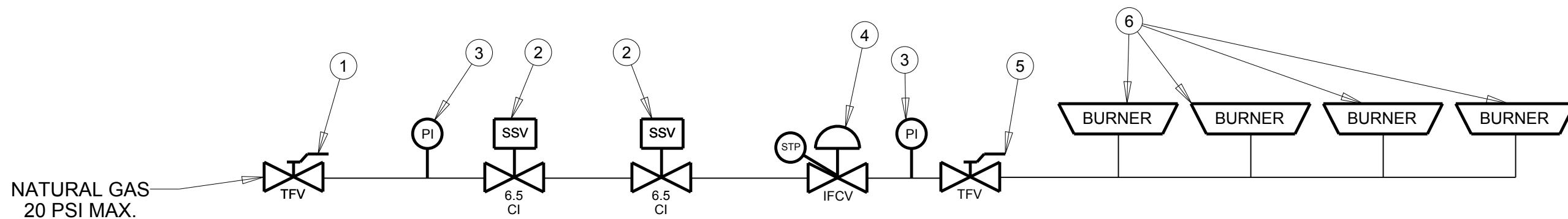
ITEM	SYMBOL	DESCRIPTION
1	AMV	APPLIANCE MANUAL SHUT-OFF VALVE
2	YS	Y-STRAINER
3	SVV	HYDROSTATIC RELIEF VALVE
4	SSV (6.5, CI)	SAFETY SHUTOFF VALVE
5	VAPORIZER	INTERNAL - INDIRECT HEAT PROPANE VAPORIZER
6	PRV	PRESSURE REGULATOR
7	PI	PRESSURE INDICATOR
8	SSV (6.5, CI)	SAFETY SHUTOFF VALVE
9	IFCV/STP	INPUT FLOW CONTROL VALVE WITH TRAVEL STOP
10	TFV	TEST FIRE VALVE
11	BURNER	BURNER - (DELUX MFG. CO.)



				DRAWN BY MEL	TITLE: DELUX MFG. CO. KEARNEY, NE		
				DATE 03/03/15			
				CHK'D	USED ON:		
						NEXT ASS'Y:	
				SCALE	MATL.	SHEAR SIZE	DRAWING NO. 900-010902
ECO#	LET	DESCRIPTION	DATE				

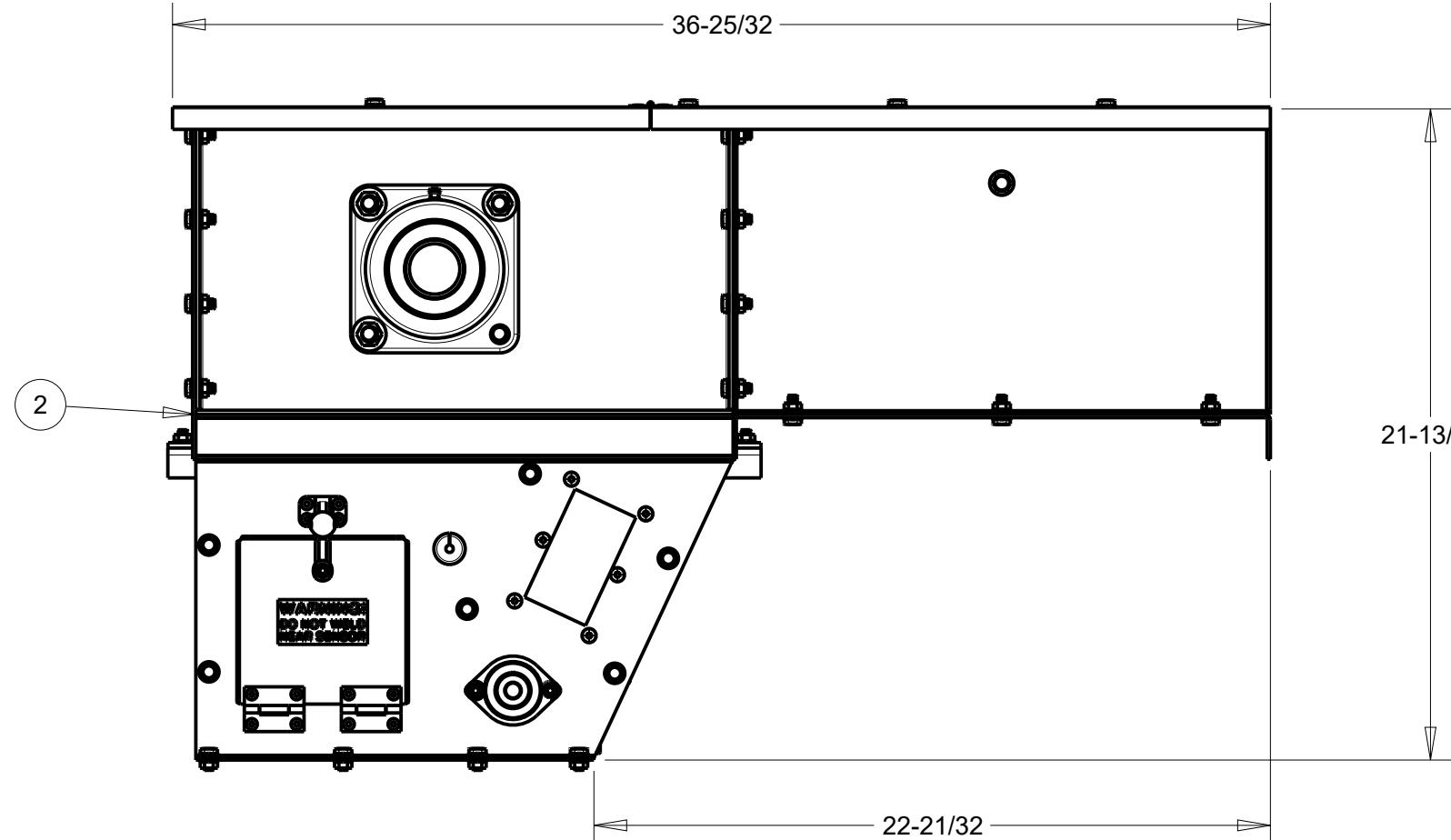
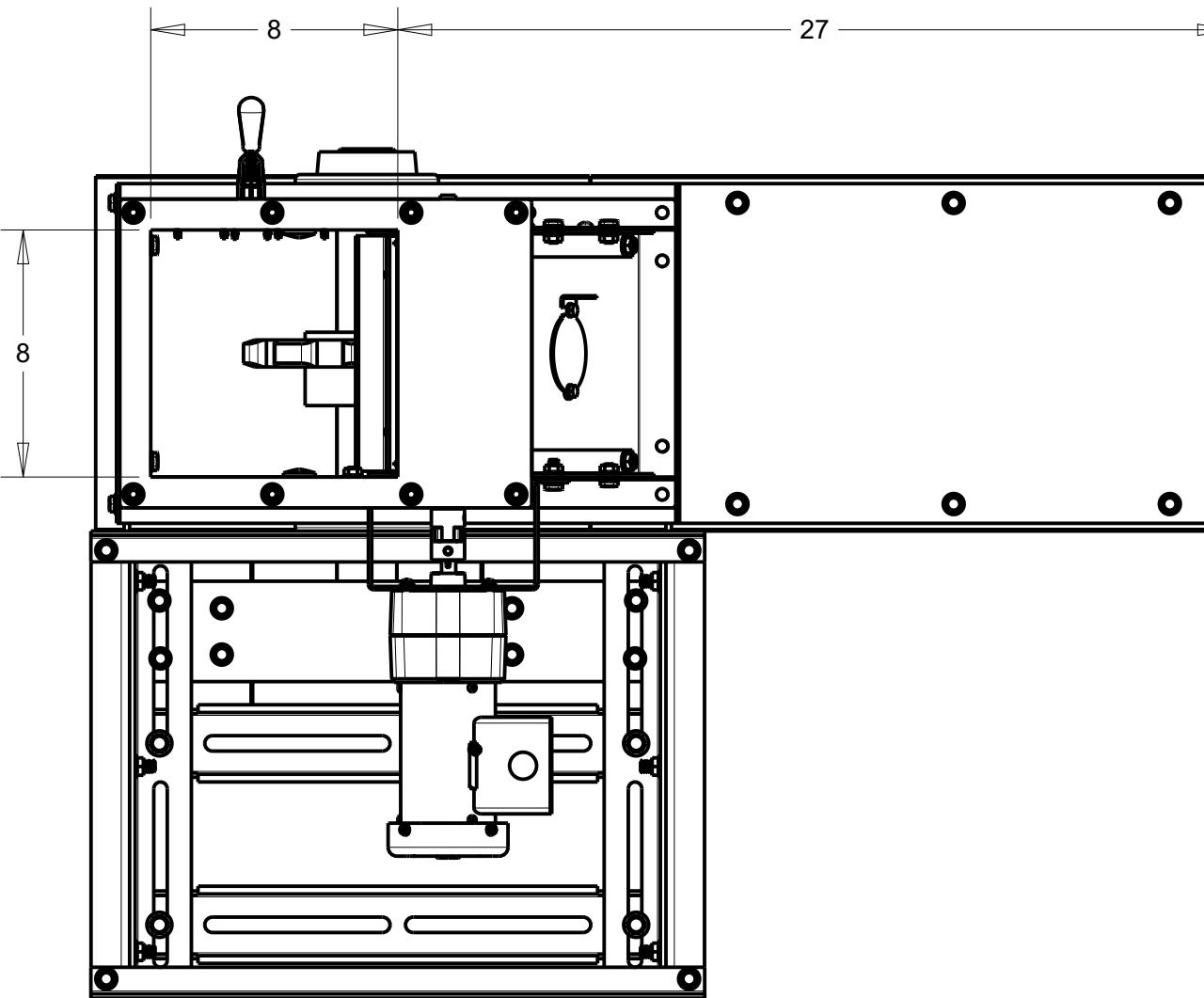
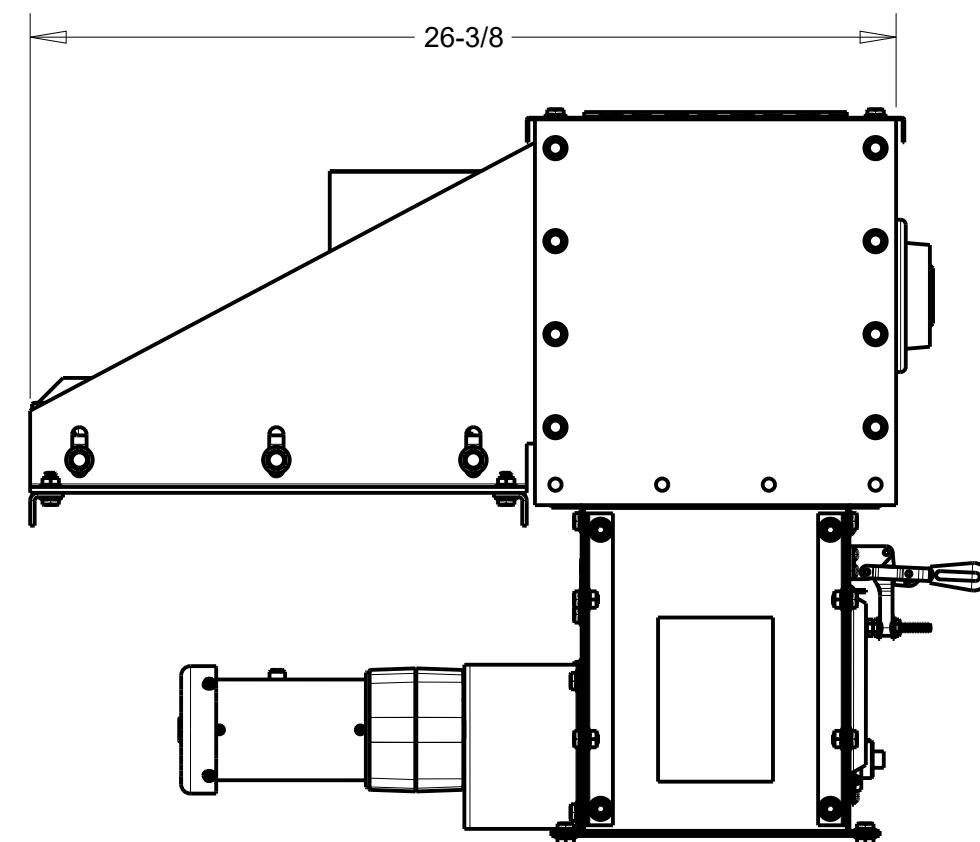
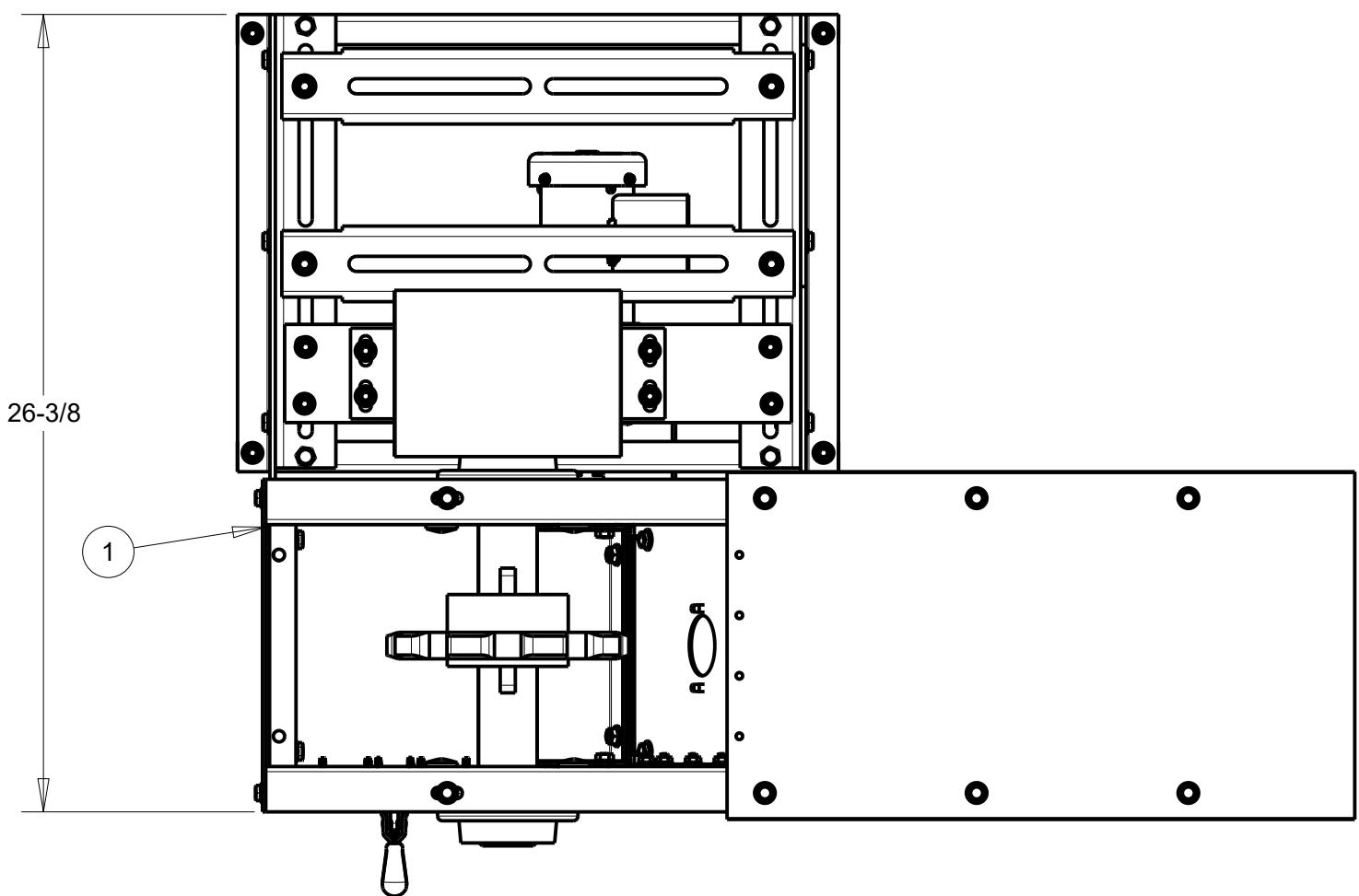
TOLERANCE: DECIMAL $\pm .010$ FRACTION $\pm 1/32$ ANGLE $\pm 1^\circ$ UNLESS OTHERWISE SPECIFIED

ITEM	SYMBOL	DESCRIPTION
1	AMV	APPLIANCE MANUAL SHUT-OFF VALVE
2	SSV (6.5, CI)	SAFETY SHUTOFF VALVE
3	PI	PRESSURE INDICATOR
4	IFCV/STP	INPUT FLOW CONTROL VALVE WITH TRAVEL STOP
5	TFV	TEST FIRE VALVE
6	BURNER	BURNER - (DELUX MFG. CO.)



				DRAWN BY MEL	DELUX MFG. CO. KEARNEY, NE	TITLE: PLUMBING SCHEMATIC NAT. GAS-1 THRU 4 BURNER DP THRU DPX16GT SERIES 2015+	
				DATE 03/03/15			
				CHK'D	USED ON:		
					NEXT ASS'Y:		
ECO#	LET	DESCRIPTION	DATE	SCALE	MATL.	SHEAR SIZE	DRAWING NO. 900-010903

TOLERANCE: DECIMAL ± .010 FRACTION ± 1/32 ANGLE ± 1° UNLESS OTHERWISE SPECIFIED

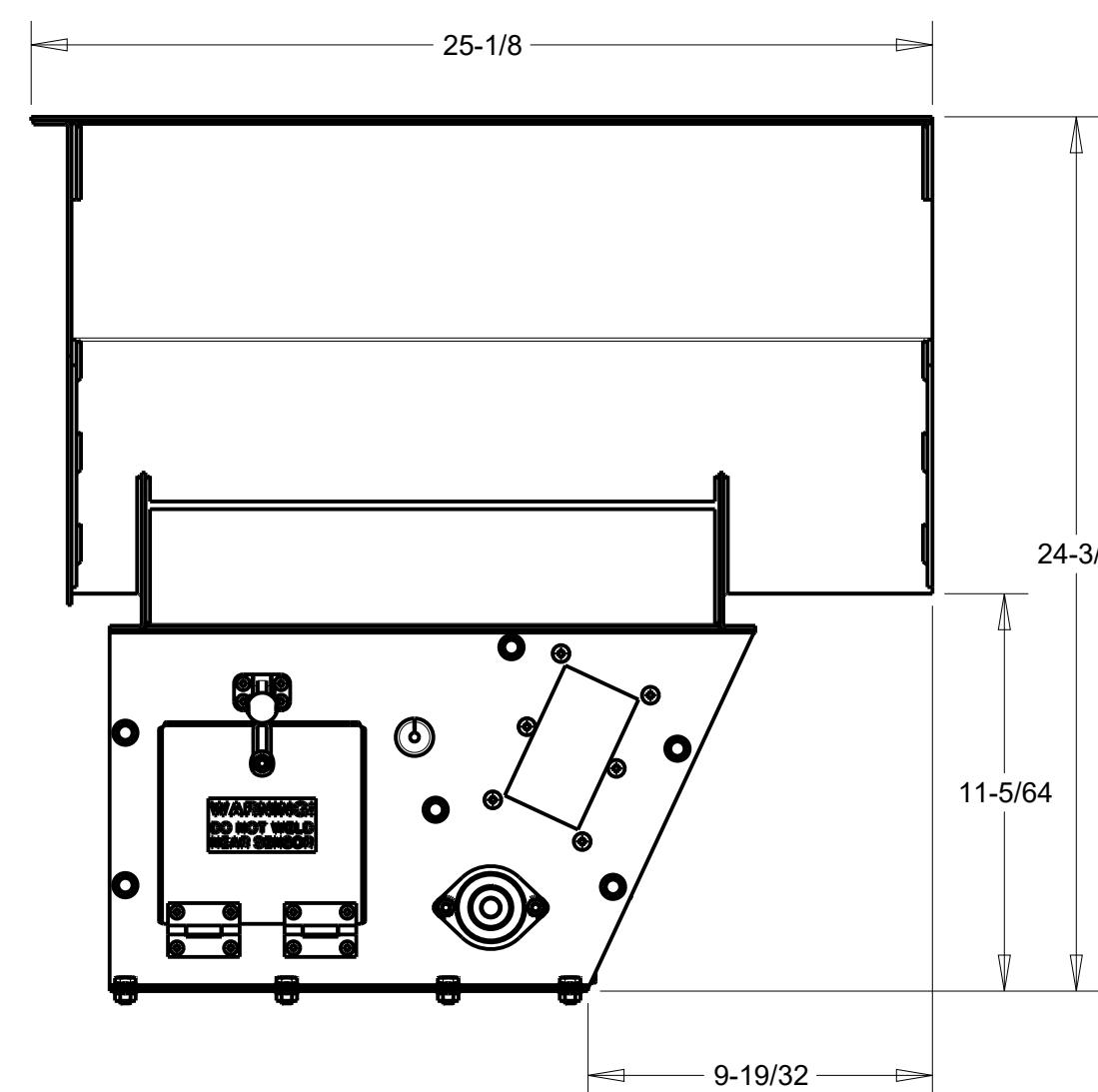
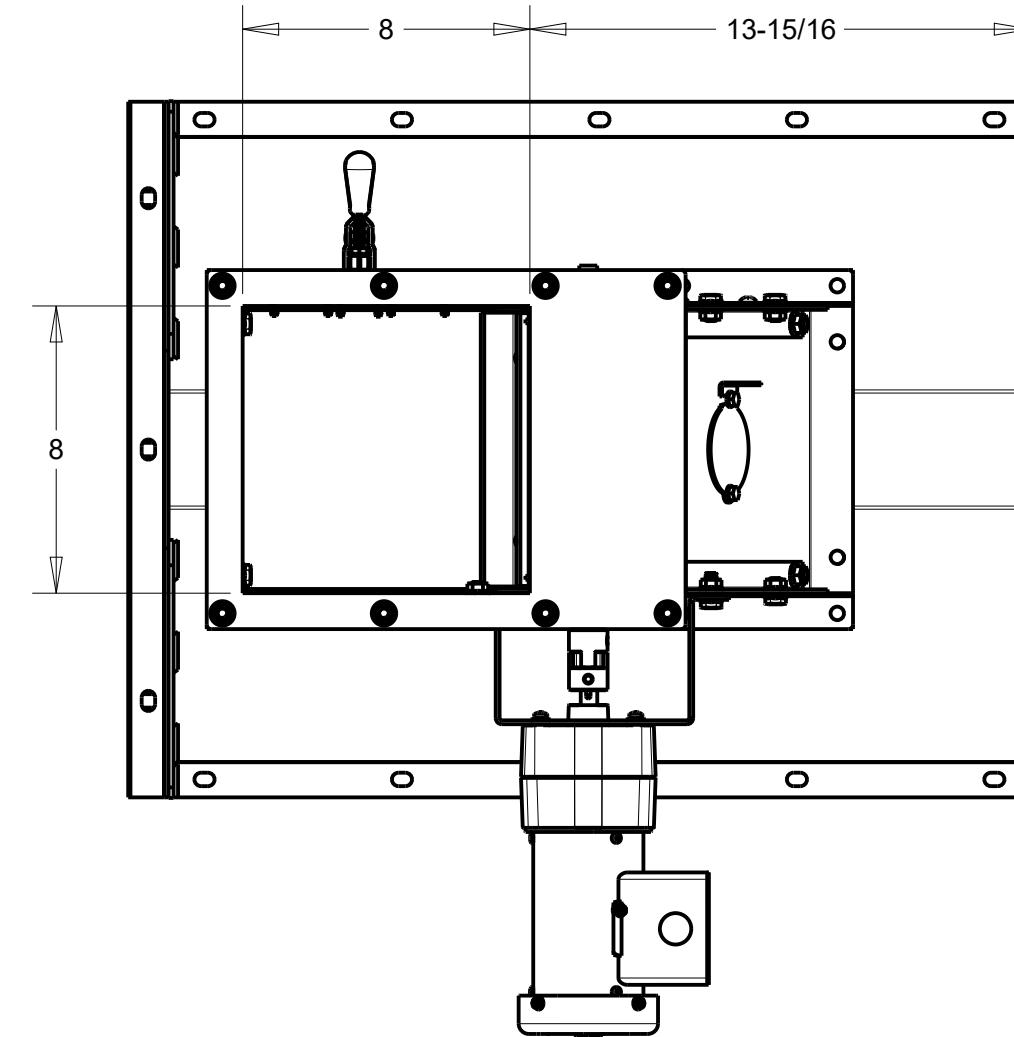
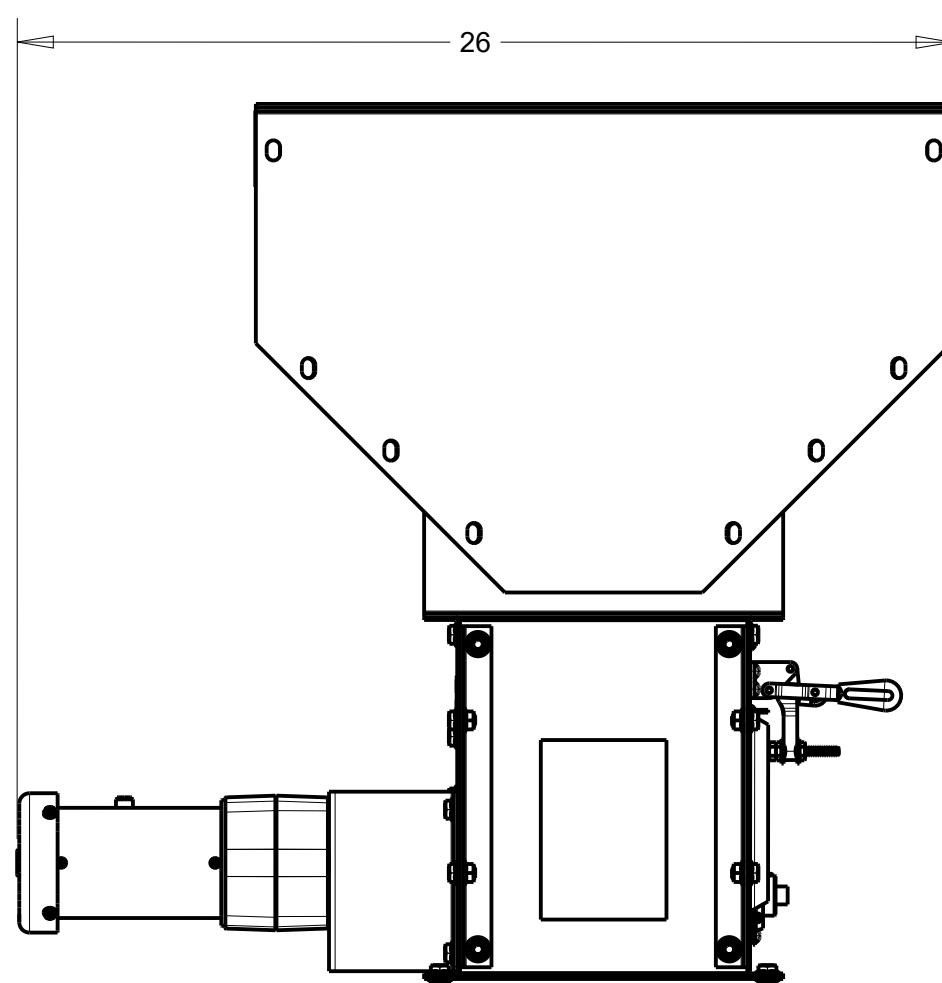
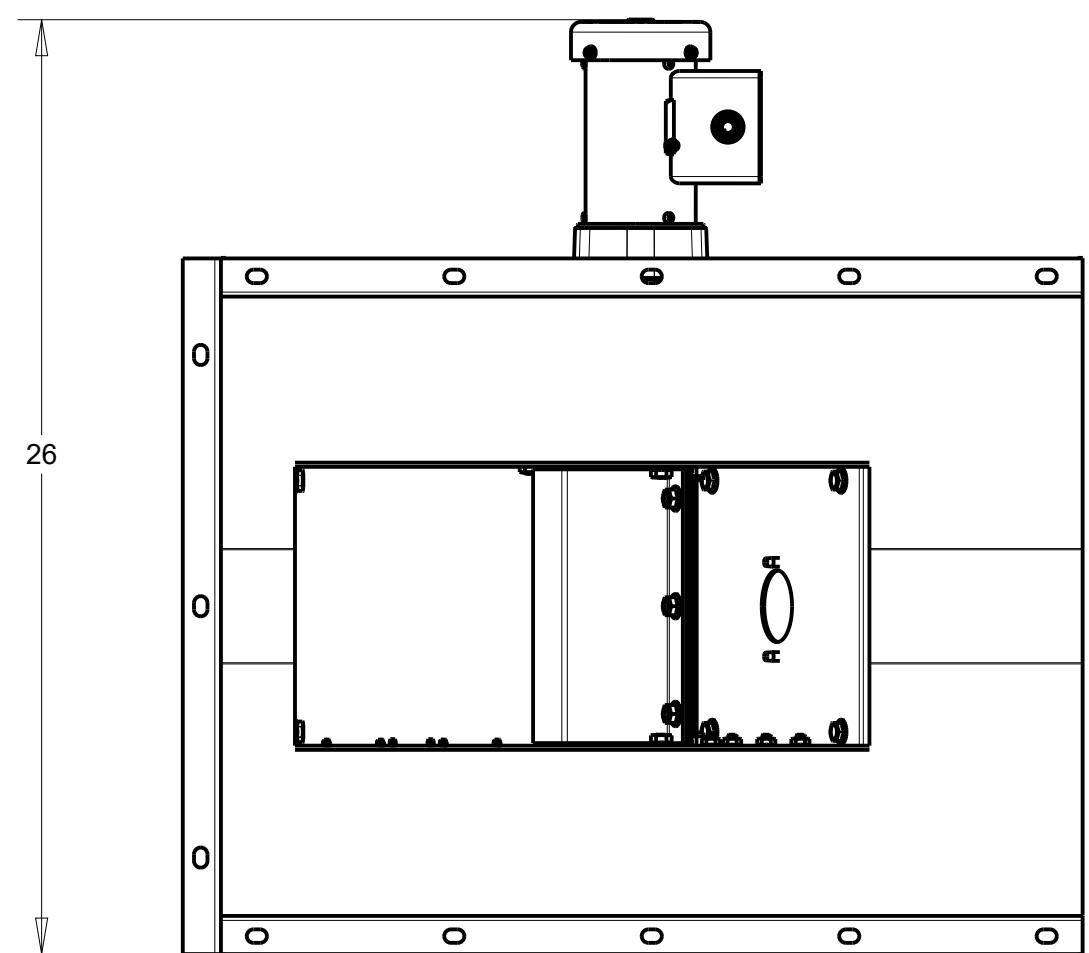


NOTES:

- 1) THERE IS NO GEARBOX OR MOTOR DISPLAYED IN MODEL. THIS WILL VARY DEPENDING ON DRYER MODEL.
- 2) GRAIN OUTLET IS 8" X 8"
- 3) DRYER MODELS MUST HAVE A MINIMUM LEG SUPPORT OF 24". THIS HOWEVER DOES NOT TAKE INTO ACCOUNT THE HEIGHT OF HANDLING EQUIPMENT THE DRYER IS DISCHARGING INTO.
- 4) REFERENCE DRAWING NO. 900-008750 FOR MORE INFORMATION REGARDING CONVEYOR ASSEMBLY & DIMENSIONING
- 5) DRAWING BASED ON STANDARD DRAG DISCHARGE EXTENSION LENGTH.

				DRAWN BY JGW	DELUX MFG. CO. KEARNEY, NE	TITLE: ILLUSTRATION 8X10 DRAG CONVEYOR TO MOISTURELINK SENSOR BY-PASS CHUTE ASSEMBLY & DIMENSIONS	
				DATE 03/04/12			
				CHK'D	USED ON: NEXT ASS'Y:		
				SCALE .171	MATL.	SHEAR SIZE	DRAWING NO. 900-010161
ECO#	LET	DESCRIPTION	DATE	TOLERANCE: DECIMAL +0.010 -0.010 FRACTION +1/32 ANGLE +1° UNLESS OTHERWISE SPECIFIED			

ITEM	PART NUMBER	QTY	DESCRIPTION
1	400-010113	1	SENSOR BY-PASS CHUTE - MOISTURELINK
2	400-010114	1	DISCHARGE AUGER TROUGH - MLNK - 2FT



NOTES:

- 1) GRAIN OUTLET IS 8" X 8"
- 2) DRYER MODELS MUST HAVE A MINIMUM LEG SUPPORT OF 18". THIS HOWEVER DOES NOT TAKE INTO ACCOUNT THE HEIGHT OF HANDLING EQUIPMENT THE DRYER IS DISCHARGING INTO.
- 3) DRAWING BASED ON STANDARD AUGER EXTENSION LENGTH.

			DRAWN BY JGW	TITLE: DELUX MFG. CO. KEARNEY, NE	
			DATE 03/04/12		
			CHK'D	USED ON: NEXT ASS'Y:	
			SCALE .187	MATL.	SHEAR SIZE
ECO#	LET	DESCRIPTION	DATE		DRAWING NO. 900-010162

TOLERANCE: DECIMAL $\pm .010$ FRACTION $\pm 1/32$ ANGLE $\pm 1^\circ$ UNLESS OTHERWISE SPECIFIED

MODEL: _____ LENGTH _____ FT

SERIAL NO: _____ - _____ - _____ - _____

SHIPPING LIST - ERECTION - SPLICE PLATES AND HARDWARE

DPX AND DPXSL MODELS

=====

ITEM	PART NUMBER	PART DESCRIPTION	10	15	20	25	30	40
1.	100-005261	SPLICE PLATE SHORT	4	4	4	4	4	4
2.	100-005262	SPLICE PLATE LONG	1	1	1	1	1	1
3.	100-006356	SPLICE PLATE PLENUM	2	2	2	2	2	2
4.	040-002739	TCS 5/16 X 3/4	50	50	50	50	50	50
5.	040-001483	BOLT-WL 3/8 X 1	64	98	128	160	192	256
6.	040-001460	NUT-WL 3/8	64	98	128	160	192	256
7.	300-010839	PLENUM DOOR SUB-ASS'Y	1	1	1	1	1	1
8.	100-010345	SIDES - DOOR FRAME	2	2	2	2	2	2
9.	100-010344	TOP/BOT.- DOOR FRAME	2	2	2	2	2	2
10.	100-010353	HINGE SUPPORT.-DOOR	3	3	3	3	3	3
11.	100-010835	CATCH-PLENUM DOOR FRAME	2	2	2	2	2	2
12.	040-001434	BOLT-HEX 5/16 x 3/4	3	3	3	3	3	3
13.	040-004068	NUT-NYLOCK 5/16	3	3	3	3	3	3
14.	040-005321	BOLT-WL 5/16 X 3/4	26	26	26	26	26	26
15.	040-001459	NUT-WL 5/16	26	26	26	26	26	26

* HARDWARE INCLUDED FOR ROOF TO BASE ONLY (USE BOLTS-WL 3/8 X 1)

* GARNER IS ASSEMBLED ON ROOF.

* SPLICE PLATES (USE TCS 5/16 X 3/4)

* PLENUM DOOR MUST BE INSTALLED IN FIELD, (SEE DRAWING #900-010876)

* REFER TO ILLUSTRATION DRAWING P/N 900-005526 FOR LOCATION OF PARTS.

ADDITIONAL SHIPPING LIST FOR MODELS WITH DISCHARGE DRAG CONVEYORS

ITEM	PART NUMBER	PART DESCRIPTION	10	15	20	25	30	40
1.	040-005321	BOLT-WL 5/16 X 3/4	32	42	52	62	72	82
2.	040-001459	NUT-WL 5/16	32	42	52	62	72	82

MODEL: _____ LENGTH _____ FT

SERIAL NO: _____ - _____ - _____ - _____

SHIPPING LIST - ERECTION - SPLICE PLATES AND HARDWARE

DPX4T MODELS
=====

ITEM	PART NUMBER	PART DESCRIPTION	10	15	20	25	30	40
1.	100-005261	SPLICE PLATE SHORT	4	4	4	4	4	4
2.	100-005262	SPLICE PLATE LONG	1	1	1	1	1	1
3.	100-006356	SPLICE PLATE PLENUM	2	2	2	2	2	2
4.	040-002739	TCS 5/16 X 3/4	50	50	50	50	50	50
5.	040-001483	BOLT-WL 3/8 X 1	64	98	128	160	192	256
6.	040-001460	NUT-WL 3/8	64	98	128	160	192	256
7.	300-010839	PLENUM DOOR SUB-ASS'Y	1	1	1	1	1	1
8.	100-010345	SIDES - DOOR FRAME	2	2	2	2	2	2
9.	100-010344	TOP/BOT.- DOOR FRAME	2	2	2	2	2	2
10.	100-010353	HINGE SUPPORT.-DOOR	3	3	3	3	3	3
11.	100-010835	CATCH-PLENUM DOOR FRAME	2	2	2	2	2	2
12.	040-001434	BOLT-HEX 5/16 x 3/4	3	3	3	3	3	3
13.	040-004068	NUT-NYLOCK 5/16	3	3	3	3	3	3
14.	040-005321	BOLT-WL 5/16 X 3/4	26	26	26	26	26	26
15.	040-001459	NUT-WL 5/16	26	26	26	26	26	26

* HARDWARE INCLUDED FOR ROOF TO BASE ONLY, (USE BOLTS-WL 3/8 X 1)

* FOUR FOOT EMPTY AND ROOF SHIPPED AS ONE SECTION.

* GARNER IS SHIPPED NOT ASSEMBLED.

* SPLICE PLATES (USE TCS 5/16 X 3/4)

* PLENUM DOOR MUST BE INSTALLED IN FIELD, (SEE DRAWING #900-010876)

* REFER TO ILLUSTRATION DRAWING P/N 900-005526 FOR LOCATION OF PARTS.

ADDITIONAL SHIPPING LIST FOR MODELS WITH DISCHARGE DRAG CONVEYORS

ITEM	PART NUMBER	PART DESCRIPTION	10	15	20	25	30	40
1.	040-005321	BOLT-WL 5/16 X 3/4	32	42	52	62	72	82
2.	040-001459	NUT-WL 5/16	32	42	52	62	72	82

MODEL: _____ LENGTH _____ FT

SERIAL NO: _____ - _____ - _____ - _____

SHIPPING LIST - ERECTION - SPLICE PLATES AND HARDWARE

DPX8GT-DPX12GT MODELS

=====

ITEM	PART NUMBER	PART DESCRIPTION	20	25	30	40
1.	100-005261	SPLICE PLATE SHORT	8	8	8	8
2.	100-005262	SPLICE PLATE LONG	3	3	3	3
3.	100-006356	SPLICE PLATE PLENUM	2	2	2	2
4.	040-002739	TCS 5/16 X 3/4	110	110	110	110
5.	040-002193	BOLT-WL 3/8 X 3/4	16	16	24	32
6.	040-001483	BOLT-WL 3/8 X 1	256	320	384	512
7.	040-001460	NUT-WL 3/8	272	336	408	544
8.	300-010839	PLENUM DOOR SUB-ASS'Y	1	1	1	1
9.	100-010345	SIDES - DOOR FRAME	2	2	2	2
10.	100-010344	TOP/BOT.- DOOR FRAME	2	2	2	2
11.	100-010353	HINGE SUPPORT.-DOOR	3	3	3	3
12.	100-010835	CATCH-PLENUM DOOR FRAME	2	2	2	2
13.	040-001434	BOLT-HEX 5/16 x 3/4	3	3	3	3
14.	040-004068	NUT-NYLOCK 5/16	3	3	3	3
15.	040-005321	BOLT-WL 5/16 X 3/4	26	26	26	26
16.	040-001459	NUT-WL 5/16	26	26	26	26

* HARDWARE INCLUDED FOR ROOF TO 8/12 FOOT SECTION AND
8/12 FOOT SECTION TO BASE. (USE BOLTS-WL 3/8 X 1)

* GARNER IS SHIPPED ASSEMBLED ON ROOF.

* PLENUM DOOR MUST BE INSTALLED IN FIELD, (SEE DRAWING #900-010876)

* SPLICE PLATES (USE TCS 5/16 X 3/4)

* BURNER DRUMS MUST BE INSTALLED IN FIELD,
HARDWARE INCLUDED (USE BOLTS-WL 3/8 X 3/4)

* REFER TO ILLUSTRATION DRAWING P/N 900-005526 FOR LOCATION OF PARTS.

ADDITIONAL SHIPPING LIST FOR MODELS WITH DISCHARGE DRAG CONVEYORS

ITEM	PART NUMBER	PART DESCRIPTION	20	25	30	40
1.	040-005321	BOLT-WL 5/16 X 3/4	52	62	72	82
2.	040-001459	NUT-WL 5/16	52	62	72	82

MODEL: _____ LENGTH _____ FT

SERIAL NO: _____ - _____ - _____ - _____

SHIPPING LIST - ERECTION - SPLICE PLATES AND HARDWARE

DPX16GT MODELS

=====

ITEM	PART NUMBER	PART DESCRIPTION	10	15	20	25	30	40
1.	100-005261	SPLICE PLATE SHORT	8	8	8	8	8	8
2.	100-005262	SPLICE PLATE LONG	4	4	4	4	4	4
3.	040-002739	TCS 5/16-18UNC X 3/4	120	120	120	120	120	120
4.	040-002193	BOLT 3/8-16UNC X 3/4	8	16	16	16	24	32
5.	040-001483	BOLT 3/8-16UNC X 1	128	192	256	320	384	512
6.	040-001460	NUT 3/8-16UNC	136	208	272	336	408	544

* HARDWARE INCLUDED FOR ROOF TO TWELVE FOOT SECTION AND
TWELVE FOOT SECTION TO BASE. (USE BOLTS 3/8-16UNC X 1)

* GARNER IS SHIPPED NOT ASSEMBLED.

* SPLICE PLATES (USE TCS 5/16-18UNC X 3/4)

* BURNER DRUMS MUST BE INSTALLED IN FIELD,
HARDWARE INCLUDED (USE BOLTS 3/8-16UNC X 3/4)

* REFER TO ILLUSTRATION DRAWING P/N 900-005526 FOR LOCATION OF PARTS.

ADDITIONAL SHIPPING LIST FOR MODELS WITH DISCHARGE DRAG CONVEYORS

ITEM	PART NUMBER	PART DESCRIPTION	10	15	20	25	30	40
1.	040-005321	BOLT 5/16-16UNC-3/4	32	42	52	62	72	82
2.	040-001459	NUT 5/16-18UNC	32	42	52	62	72	82

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - WALKWAY (FITTINGS AND RAILINGS)**DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (10FT) MODELS**
=====

LOCATED ON BOTH THE RIGHT AND LEFT SIDES OF DRYER

PARTS SHOWN BY QT'Y ARE FOR RIGHT AND LEFT SIDES

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	4	[]
2.	034-001782	FITTING - TEE	8	[]
3.	034-001400	FITTING - S/O TEE	4	[]
4.	034-001399	FITTING - S/O ELL	4	[]
5.	034-001398	FITTING - CROSS	4	[]
6.	100-006357	RAILING - 11"	4	[]
7.	100-008701	RAILING - 14"	4	[]
8.	100-006359	RAILING - 30"	4	[]
9.	100-000122	RAILING - 38"	12	[]
10.	100-006360	RAILING - 58"	2	[]
11.	100-008485	RAILING - 59 1/2"	2	[]
12.	100-006350	RAILING - 62 1/4"	4	[]
13.	100-002215	WALKWAY SUPPORT ANGLE SIDE	6	[]
14.	100-006363	WALKWAY SUPPORT ANGLE FRONT & REAR	2	[]
15.	040-002193	BOLT 3/8-16UNC X 3/4	16	[]
16.	040-001460	NUT 3/8-16UNC	16	[]

* WALKWAY IS SHIPPED ONLY PART ASSEMBLED. BRING WALKWAY TO NINETY DEGREES UP FROM DRYER AND INSTALL WALKWAY SUPPORT ANGLES SIDES, FRONT AND REAR FROM DRYER TO WALKWAY, HARDWARE INCLUDED. (USE BOLTS 3/8-16UNC X 3/4).

SEE ILLUSTRATION DRAWING 900-008640 FOR LOCATION OF FITTINGS AND RAILINGS.

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - WALKWAY (FITTINGS AND RAILINGS)**DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (10FT) MODELS**

=====

LOCATED ON BOTH THE RIGHT AND LEFT SIDES OF DRYER

PARTS SHOWN BY QT'Y ARE FOR RIGHT AND LEFT SIDES

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	4	[]
2.	034-001782	FITTING - TEE	10	[]
3.	034-001400	FITTING - S/O TEE	4	[]
4.	034-001399	FITTING - S/O ELL	4	[]
5.	034-001398	FITTING - CROSS	6	[]
6.	100-006357	RAILING - 11"	4	[]
7.	100-008701	RAILING - 14"	4	[]
8.	100-006359	RAILING - 30"	4	[]
9.	100-000122	RAILING - 38"	14	[]
10.	100-006360	RAILING - 58"	4	[]
11.	100-008485	RAILING - 59 1/2"	4	[]
12.	100-006350	RAILING - 62 1/4"	4	[]
13.	100-002215	WALKWAY SUPPORT ANGLE SIDE	8	[]
14.	100-006363	WALKWAY SUPPORT ANGLE FRONT & REAR	2	[]
15.	040-002193	BOLT 3/8-16UNC X 3/4	20	[]
16.	040-001460	NUT 3/8-16UNC	20	[]

* WALKWAY IS SHIPPED ONLY PART ASSEMBLED. BRING WALKWAY TO NINETY DEGREES UP FROM DRYER AND INSTALL WALKWAY SUPPORT ANGLES SIDES, FRONT AND REAR FROM DRYER TO WALKWAY, HARDWARE INCLUDED. (USE BOLTS 3/8-16UNC X 3/4).

SEE ILLUSTRATION DRAWING 900-008640 FOR LOCATION OF FITTINGS AND RAILINGS

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - WALKWAY (FITTINGS AND RAILINGS)DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (10FT) MODELS

=====

LOCATED ON BOTH THE RIGHT AND LEFT SIDES OF DRYER

PARTS SHOWN BY QT'Y ARE FOR RIGHT AND LEFT SIDES

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	4	[]
2.	034-001782	FITTING - TEE	12	[]
3.	034-001400	FITTING - S/O TEE	4	[]
4.	034-001399	FITTING - S/O ELL	4	[]
5.	034-001398	FITTING - CROSS	8	[]
6.	100-006357	RAILING - 11"	4	[]
7.	100-008701	RAILING - 14"	4	[]
8.	100-006359	RAILING - 30"	4	[]
9.	100-000122	RAILING - 38"	16	[]
10.	100-006360	RAILING - 58"	6	[]
11.	100-008485	RAILING - 59 1/2"	6	[]
12.	100-006350	RAILING - 62 1/4"	4	[]
13.	100-002215	WALKWAY SUPPORT ANGLE SIDE	10	[]
14.	100-006363	WALKWAY SUPPORT ANGLE FRONT & REAR	2	[]
15.	040-002193	BOLT 3/8-16UNC X 3/4	24	[]
16.	040-001460	NUT 3/8-16UNC	24	[]

* WALKWAY IS SHIPPED ONLY PART ASSEMBLED. BRING WALKWAY TO NINETY DEGREES UP FROM DRYER AND INSTALL WALKWAY SUPPORT ANGLES SIDES, FRONT AND REAR FROM DRYER TO WALKWAY, HARDWARE INCLUDED. (USE BOLTS 3/8-16UNC X 3/4).

SEE ILLUSTRATION DRAWING 900-008640 FOR LOCATION OF FITTINGS AND RAILINGS.

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - WALKWAY (FITTINGS AND RAILINGS)**DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (10FT) MODELS**

=====

LOCATED ON BOTH THE RIGHT AND LEFT SIDES OF DRYER

PARTS SHOWN BY QT'Y ARE FOR RIGHT AND LEFT SIDES

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	4	[]
2.	034-001782	FITTING - TEE	14	[]
3.	034-001400	FITTING - S/O TEE	4	[]
4.	034-001399	FITTING - S/O ELL	4	[]
5.	034-001398	FITTING - CROSS	10	[]
6.	100-006357	RAILING - 11"	4	[]
7.	100-008701	RAILING - 14"	4	[]
8.	100-006359	RAILING - 30"	4	[]
9.	100-000122	RAILING - 38"	18	[]
10.	100-006360	RAILING - 58"	8	[]
11.	100-008485	RAILING - 59 1/2"	8	[]
12.	100-006350	RAILING - 62 1/4"	4	[]
13.	100-002215	WALKWAY SUPPORT ANGLE SIDE	12	[]
14.	100-006363	WALKWAY SUPPORT ANGLE FRONT & REAR	2	[]
15.	040-002193	BOLT 3/8-16UNC X 3/4	28	[]
16.	040-001460	NUT 3/8-16UNC	28	[]

* WALKWAY IS SHIPPED ONLY PART ASSEMBLED. BRING WALKWAY TO NINETY DEGREES UP FROM DRYER AND INSTALL WALKWAY SUPPORT ANGLES SIDES, FRONT AND REAR FROM DRYER TO WALKWAY, HARDWARE INCLUDED. (USE BOLTS 3/8-16UNC X 3/4).

SEE ILLUSTRATION DRAWING 900-008640 FOR LOCATION OF FITTINGS AND RAILINGS

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - WALKWAY (FITTINGS AND RAILINGS)DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (10FT) MODELS
=====

LOCATED ON BOTH THE RIGHT AND LEFT SIDES OF DRYER

PARTS SHOWN BY QT'Y ARE FOR RIGHT AND LEFT SIDES

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP .
1.	034-001397	FITTING - ELL	4	[]
2.	034-001782	FITTING - TEE	16	[]
3.	034-001400	FITTING - S/O TEE	4	[]
4.	034-001399	FITTING - S/O ELL	4	[]
5.	034-001398	FITTING - CROSS	12	[]
6.	100-006357	RAILING - 11"	4	[]
7.	100-008701	RAILING - 14"	4	[]
8.	100-006359	RAILING - 30"	4	[]
9.	100-000122	RAILING - 38"	20	[]
10.	100-006360	RAILING - 58"	10	[]
11.	100-008485	RAILING - 59 1/2"	10	[]
12.	100-006350	RAILING - 62 1/4"	4	[]
13.	100-002215	WALKWAY SUPPORT ANGLE SIDE	14	[]
14.	100-006363	WALKWAY SUPPORT ANGLE FRONT & REAR	2	[]
15.	040-002193	BOLT 3/8-16UNC X 3/4	32	[]
16.	040-001460	NUT 3/8-16UNC	32	[]

* WALKWAY IS SHIPPED ONLY PART ASSEMBLED. BRING WALKWAY TO NINETY DEGREES UP FROM DRYER AND INSTALL WALKWAY SUPPORT ANGLES SIDES, FRONT AND REAR FROM DRYER TO WALKWAY, HARDWARE INCLUDED. (USE BOLTS 3/8-16UNC X 3/4).

SEE ILLUSTRATION DRAWING 900-008640 FOR LOCATION OF FITTINGS AND RAILINGS.

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - WALKWAY (FITTINGS AND RAILINGS)DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (10FT) MODELS
=====

LOCATED ON BOTH THE RIGHT AND LEFT SIDES OF DRYER

PARTS SHOWN BY QT'Y ARE FOR RIGHT AND LEFT SIDES

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	4	[]
2.	034-001782	FITTING - TEE	20	[]
3.	034-001400	FITTING - S/O TEE	4	[]
4.	034-001399	FITTING - S/O ELL	4	[]
5.	034-001398	FITTING - CROSS	16	[]
6.	100-006357	RAILING - 11"	4	[]
7.	100-008701	RAILING - 14"	4	[]
8.	100-006359	RAILING - 30"	4	[]
9.	100-000122	RAILING - 38"	24	[]
10.	100-006360	RAILING - 58"	14	[]
11.	100-008485	RAILING - 59 1/2"	14	[]
12.	100-006350	RAILING - 62 1/4"	4	[]
13.	100-002215	WALKWAY SUPPORT ANGLE SIDE	18	[]
14.	100-006363	WALKWAY SUPPORT ANGLE FRONT & REAR	2	[]
15.	040-002193	BOLT 3/8-16UNC X 3/4	40	[]
16.	040-001460	NUT 3/8-16UNC	40	[]

* WALKWAY IS SHIPPED ONLY PART ASSEMBLED. BRING WALKWAY TO NINETY DEGREES UP FROM DRYER AND INSTALL WALKWAY SUPPORT ANGLES SIDES, FRONT AND REAR FROM DRYER TO WALKWAY, HARDWARE INCLUDED. (USE BOLTS 3/8-16UNC X 3/4).

SEE ILLUSTRATION DRAWING 900-008640 FOR LOCATION OF FITTINGS AND RAILINGS.

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - GARNER WALKWAY (FITTINGS AND RAILINGS)**DP/DPSL MODELS****=====****LOCATED ON EITHER FRONT OR REAR OR BOTH OF DRYER****SHIPPING LIST - PLENUM WALKWAY (FITTINGS AND RAILINGS)****DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT MODELS****=====****LOCATED ON REAR OF DRYER**

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	2	[]
2.	034-001782	FITTING - TEE	2	[]
3.	034-001400	FITTING - S/O TEE	1	[]
4.	034-001399	FITTING - S/O ELL	1	[]
5.	100-008621	RAILING - 23 ½"	2	[]
6.	100-000122	RAILING - 38"	3	[]
7.	100-008620	RAILING - 45"	2	[]

NOTE: REFER TO DRAWING 400-008618 FOR PART LOCATION

DATE: 01-01-20

SLGW-DPXSL-16GT

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - GARNER WALKWAY (FITTINGS AND RAILINGS)

DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT MODELS

=====

LOCATED ON BOTH THE FRONT AND REAR OF DRYER

PARTS SHOWN BY QT'Y ARE FOR (ONE)WALKWAY

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP .
1.	034-001397	FITTING - ELL	3	[]
2.	034-001782	FITTING - TEE	5	[]
3.	034-001400	FITTING - S/O TEE	2	[]
4.	034-001399	FITTING - S/O ELL	2	[]
6.	100-008479	RAILING - 18 1/2"	2	[]
7.	100-008480	RAILING - 27 1/2"	2	[]
8.	100-000122	RAILING - 38"	5	[]
9.	100-008629	RAILING - 42 1/2"	2	[]
10.	100-008486	RAILING - 67"	2	[]

NOTE: REFER TO DRAWING 400-008624 FOR PART LOCATION

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - TOP ROOF WALKWAY ON 45 SLOPE (FITTINGS AND RAILINGS)**DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (10FT) MODELS**

=====

LOCATED ON ROOF TOP ON 45 DEGREE SLOPE -ON LEFT OR RIGHT SIDE (LEFT SIDE STANDARD)
 VIEWING PANEL BOX LEFT SIDE RIGHT SIDE
 MSF-DP/SL WHEN INSTALLED ON RIGHT SIDE A ADDITIONAL LADDER WILL BE REQUIRED AT REAR OF DRYER

PARTS SHOWN BY QT'Y ARE FOR (ONE) WALKWAY ON ONE SIDE

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	3	[]
2.	034-001782	FITTING - TEE	6	[]
3.	034-001400	FITTING - S/O TEE	2	[]
4.	034-001399	FITTING - S/O ELL	2	[]
5.	034-001398	FITTING - CROSS	1	[]
6.	100-008479	RAILING - 18 1/2"	2	[]
7.	100-008480	RAILING - 27 1/2"	2	[]
8.	100-008481	RAILING - 54"	1	[]
9.	100-008482	RAILING - 55 1/2"	1	[]
10.	100-006350	RAILING - 62 1/4"	2	[]
11.	100-008486	RAILING - 67"	2	[]
15.	038-001411	GRIPSTRUT-18-3/4" X 1-1/2"	10'	[]
16.	100-008623	WALKWAY CLAMP	12	[]
17.	040-008665	CARRIAGE BOLT 3/8" x 1-1/4"	12	[]
18.	040-001460	WHIZLOCK NUT - 3/8"	12	[]

*SEE ILLUSTRATION DRAWING 900-008667

DATE: 01-01-20

SLW45-15X

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - TOP ROOF WALKWAY ON 45 SLOPE (FITTINGS AND RAILINGS)**DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (15FT) MODELS**

=====

LOCATED ON ROOF TOP ON 45 DEGREE SLOPE -ON LEFT OR RIGHT SIDE (LEFT SIDE STANDARD)
 VIEWING PANEL BOX [] LEFT SIDE [] RIGHT SIDE
 MSF-DP/SL WHEN INSTALLED ON RIGHT SIDE A ADDITIONAL LADDER WILL BE REQUIRED AT REAR OF DRYER

PARTS SHOWN BY QT'Y ARE FOR (ONE) WALKWAY ON ONE SIDE

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	3	[]
2.	034-001782	FITTING - TEE	7	[]
3.	034-001400	FITTING - S/O TEE	2	[]
4.	034-001399	FITTING - S/O ELL	2	[]
5.	034-001398	FITTING - CROSS	2	[]
6.	100-008479	RAILING - 18 1/2"	2	[]
7.	100-008480	RAILING - 27 1/2"	2	[]
8.	100-000122	RAILING - 38"	7	[]
9.	100-008481	RAILING - 54"	1	[]
10.	100-008482	RAILING - 55 1/2"	1	[]
11.	100-006360	RAILING - 58	1	[]
12.	100-008485	RAILING - 59 1/2"	1	[]
13.	100-006350	RAILING - 62 1/4"	2	[]
14.	100-008486	RAILING - 67"	2	[]
15.	038-001411	GRIPSTRUT-18-3/4" X 1-1/2"	15'	[]
16.	100-008623	WALKWAY CLAMP	16	[]
17.	040-008665	CARRIAGE BOLT 3/8" x 1-1/4"	16	[]
18.	040-001460	WHIZLOCK NUT - 3/8"	16	[]

*SEE ILLUSTRATION DRAWING 900-008667

DATE: 01-01-20

SLW45-20X

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - TOP ROOF WALKWAY ON 45 SLOPE (FITTINGS AND RAILINGS)

DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (20FT) MODELS

=====

LOCATED ON ROOF TOP ON 45 DEGREE SLOPE -ON LEFT OR RIGHT SIDE (LEFT SIDE STANDARD)
VIEWING PANEL BOX [] LEFT SIDE [] RIGHT SIDE
MSF-DP/SL WHEN INSTALLED ON RIGHT SIDE A ADDITIONAL LADDER WILL BE REQUIRED AT REAR OF DRYER

PARTS SHOWN BY QT'Y ARE FOR (ONE) WALKWAY ON ONE SIDE

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	3	[]
2.	034-001782	FITTING - TEE	8	[]
3.	034-001400	FITTING - S/O TEE	2	[]
4.	034-001399	FITTING - S/O ELL	2	[]
5.	034-001398	FITTING - CROSS	3	[]
6.	100-008479	RAILING - 18 1/2"	2	[]
7.	100-008480	RAILING - 27 1/2"	2	[]
8.	100-000122	RAILING - 38"	8	[]
9.	100-008481	RAILING - 54"	1	[]
10.	100-008482	RAILING - 55 1/2"	1	[]
11.	100-006360	RAILING - 58	2	[]
12.	100-008485	RAILING - 59 1/2"	2	[]
13.	100-006350	RAILING - 62 1/4"	2	[]
14.	100-008486	RAILING - 67"	2	[]
15.	038-001411	GRIPSTRUT-18-3/4" X 1-1/2"	20'	[]
16.	100-008623	WALKWAY CLAMP	20	[]
17.	040-008665	CARRIAGE BOLT 3/8" x 1-1/4"	20	[]
18.	040-001460	WHIZLOCK NUT - 3/8"	20	[]

* SEE ILLUSTRATION DRAWING 900-008667

DATE: 01-01-20

SLW45-25X

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - TOP ROOF WALKWAY ON 45 SLOPE (FITTINGS AND RAILINGS)**DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (25FT) MODELS**

=====

LOCATED ON ROOF TOP ON 45 DEGREE SLOPE -ON LEFT OR RIGHT SIDE (LEFT SIDE STANDARD)
 VIEWING PANEL BOX [] LEFT SIDE [] RIGHT SIDE
 MSF-DP/SL WHEN INSTALLED ON RIGHT SIDE A ADDITIONAL LADDER WILL BE REQUIRED AT REAR OF DRYER

PARTS SHOWN BY QT'Y ARE FOR (ONE) WALKWAY ON ONE SIDE

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	3	[]
2.	034-001782	FITTING - TEE	9	[]
3.	034-001400	FITTING - S/O TEE	2	[]
4.	034-001399	FITTING - S/O ELL	2	[]
5.	034-001398	FITTING - CROSS	4	[]
6.	100-008479	RAILING - 18 1/2"	2	[]
7.	100-008480	RAILING - 27 1/2"	2	[]
8.	100-000122	RAILING - 38"	9	[]
9.	100-008481	RAILING - 54"	1	[]
10.	100-008482	RAILING - 55 1/2"	1	[]
11.	100-006360	RAILING - 58	3	[]
12.	100-008485	RAILING - 59 1/2"	3	[]
13.	100-006350	RAILING - 62 1/4"	2	[]
14.	100-008486	RAILING - 67"	2	[]
15.	038-001411	GRIPSTRUT-18-3/4" X 1-1/2"	25'	[]
16.	100-008623	WALKWAY CLAMP	24	[]
17.	040-008665	CARRIAGE BOLT 3/8" x 1-1/4"	24	[]
18.	040-001460	WHIZLOCK NUT - 3/8"	24	[]

* SEE ILLUSTRATION DRAWING 900-008667

DATE: 01-01-20

SLW45-30X

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - TOP ROOF WALKWAY ON 45 SLOPE (FITTINGS AND RAILINGS)**DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (30FT) MODELS**

=====

LOCATED ON ROOF TOP ON 45 DEGREE SLOPE -ON LEFT OR RIGHT SIDE (LEFT SIDE STANDARD)
 VIEWING PANEL BOX [] LEFT SIDE [] RIGHT SIDE
 MSF-DP/SL WHEN INSTALLED ON RIGHT SIDE A ADDITIONAL LADDER WILL BE REQUIRED AT REAR OF DRYER

PARTS SHOWN BY QT'Y ARE FOR (ONE) WALKWAY ON ONE SIDE

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	3	[]
2.	034-001782	FITTING - TEE	10	[]
3.	034-001400	FITTING - S/O TEE	2	[]
4.	034-001399	FITTING - S/O ELL	2	[]
5.	034-001398	FITTING - CROSS	5	[]
6.	100-008479	RAILING - 18 1/2"	2	[]
7.	100-008480	RAILING - 27 1/2"	2	[]
8.	100-000122	RAILING - 38"	10	[]
9.	100-008481	RAILING - 54"	1	[]
10.	100-008482	RAILING - 55 1/2"	1	[]
11.	100-006360	RAILING - 58	4	[]
12.	100-008485	RAILING - 59 1/2"	4	[]
13.	100-006350	RAILING - 62 1/2"	2	[]
14.	100-008486	RAILING - 67"	2	[]
15.	038-001411	GRIPSTRUT-18-3/4" X 1-1/2"	30'	[]
16.	100-008623	WALKWAY CLAMP	28	[]
17.	040-008665	CARRIAGE BOLT 3/8" x 1-1/4"	28	[]
18.	040-001460	WHIZLOCK NUT - 3/8"	28	[]

* SEE ILLUSTRATION DRAWING 900-008667

MODEL: _____

SERIAL NO: _____

SHIPPING LIST - TOP ROOF WALKWAY ON 45 SLOPE (FITTINGS AND RAILINGS)**DP/DPSL/DPXSL/DPX4T/DPX8GT/DPX12GT/DPX16GT (40FT) MODELS**

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LOCATED ON ROOF TOP ON 45 DEGREE SLOPE -ON LEFT OR RIGHT SIDE (LEFT SIDE STANDARD)
 VIEWING PANEL BOX [] LEFT SIDE [] RIGHT SIDE
 MSF-DP/SL WHEN INSTALLED ON RIGHT SIDE A ADDITIONAL LADDER WILL BE REQUIRED AT REAR OF DRYER

PARTS SHOWN BY QT'Y ARE FOR (ONE) WALKWAY ON ONE SIDE

ITEM	PART NUMBER	DESCRIPTION	QT'Y	SHIP
1.	034-001397	FITTING - ELL	3	[]
2.	034-001782	FITTING - TEE	12	[]
3.	034-001400	FITTING - S/O TEE	2	[]
4.	034-001399	FITTING - S/O ELL	2	[]
5.	034-001398	FITTING - CROSS	7	[]
6.	100-008479	RAILING - 18 1/2"	2	[]
7.	100-008480	RAILING - 27 1/2"	2	[]
8.	100-000122	RAILING - 38"	12	[]
9.	100-008481	RAILING - 54"	1	[]
10.	100-008482	RAILING - 55 1/2"	1	[]
11.	100-006360	RAILING - 58	6	[]
12.	100-008485	RAILING - 59 1/2"	6	[]
13.	100-006350	RAILING - 62 1/2"	2	[]
14.	100-008486	RAILING - 67"	2	[]
15.	038-001411	GRIPSTRUT-18-3/4" X 1-1/2"	40'	[]
16.	100-008623	WALKWAY CLAMP	36	[]
17.	040-008665	CARRIAGE BOLT 3/8" x 1-1/4"	36	[]
18.	040-001460	WHIZLOCK NUT - 3/8"	36	[]

* SEE ILLUSTRATION DRAWING 900-008667