

FOR JOHN DEERE

X700, X720, X720se, X724, X728, X728se, X729, X740, X744, X748, X748se, X749 SERIES MODELS (Also fits X465, X475, X485, X495, X575, X585, X595)



A-11762 ROPS CAB KIT WITH TEMPERED GLASS DOORS



PO BOX 70, 1715 S. Sibley Avenue, Litchfield, MN 55355-0070 Ph: (320) 693-3221 Fax: (320) 693-7252 Website: www.800cabline.com

A SAFETY INSTRUCTIONS

Read operator's manual. Be thoroughly familiar with the controls, capabilities, and proper use of the equipment.

NEVER ALLOW ANY RIDERS.

Thoroughly inspect cab mounting periodically.

Stay alert for hidden hazards and traffic.

Avoid sudden starts, excessive speeds, and sudden stops when operating on hillside, rough ground and most off-the-road operations.

Use extreme care when working close to fences, ditches, or on hillsides.

Wait for tractor to STOP before dismounting.

Check clearance carefully before driving under any objects.

Avoid operating sideways on a steep slope whenever possible.

ALWAYS buckle safety belt while operating tractor.

Never exceed factory recommended specifications.

<u>DO NOT</u> weld, cut, drill or modify ROPS in any manner unless instructed by manufacturer.

INSTALLATION INSTRUCTIONS FOR ROLLOVER PROTECTION SYSTEM (ROPS)

This manual contains assembly, operating, maintenance and safety instructions for your ROPS. Before Installing the ROPS or operating a machine equipped with a ROPS, carefully read these instructions completely. The ROPS will reduce the risk of serious or fatal injury in the unlikely event of a tip over although the system cannot protect the operator from all possible injuries. By following the operating, maintenance, and safety instructions, you will prolong the life of the machine and the ROPS, maintain its maximum efficiency and promote safe operation.

If additional information is needed, contact your authorized equipment dealer or distributor. **Keep** this manual with the machine operator's manual for future reference.

IMPORTANT:

- 1. Do not cut, drill, modify or repair ROPS in any manner.
- 2. Always replace a damaged ROPS.
- 3. Always use the seatbelt and ROPS together.
- 4. Frequently inspect roll bar and seat belts for damage or loose hardware.
- 5. Use extreme care when working close to fences, ditches, trees and on hills.
- 6. Check overhead clearances carefully before driving under any objects.
- 7. Do not leave operator's position while unit is running.
- 8. Do not carry riders.
- 9. If ROPS is a folding ROPS, ROPS should be in the upright position and pinned when operating the machine.

WARNING! This ROPS is certified for use on machines with a maximum gross vehicle weight (GVW) of **2430** LBS. The GVW INCLUDES the weight of the base machine, operator, fuel, ROPS, and other attachments and payloads. When attachments are added, causing the GVW of the machine to be more than **2430** LBS., the ROPS may not provide adequate protection resulting in serious injury or death. Use caution when installing attachments and **DO NOT EXCEED** the GVW rating of the ROPS.



WARNING! SERIOUS INJURY OR DEATH MAY RESULT FROM MACHINE ROLLOVER

- DO NOT OPERATE MACHINE ON STEEP SLOPES OR NEAR DROP OFFS
- ALWAYS USE SEAT BELTS
- AVOID SHARP AND/OR QUICK TURNS
- DO NOT EXCEED THE MACHINE WEIGHT RATING OF THE ROPS

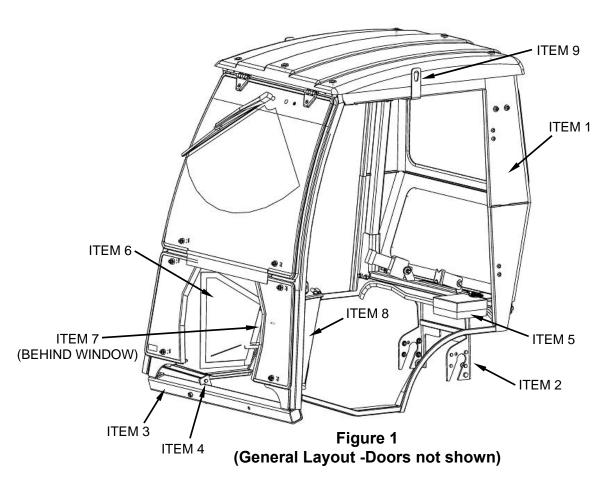


ROLLOVER MAY CAUSE PERMANENT INJURY OR DEATH.

- ROPS RAISES THE CENTER OF GRAVITY AND REDUCES STABILITY ON SLOPES.
- SUDDEN STARTS OR TURNS ON RAMPS OR SLOPES CAN CAUSE OVERTURN.
- USE GREATER CARE ON RAMPS AND AS SLOPES INCREASE.

Read these instructions and id entify all components. Plea se retain these instructions for future reference and parts ordering information. Refer to kit components and figure 1 for general layout.

Kit Components:	ITEM	QTY	PART No.	DESCRIPTION
•	1	1	A-11762	CAB ASSEMBLY, WITH GLASS DOORS
	2	1	4-15431	REAR MOUNT ASSEMBLY
	3	1	2-15706	FRONT MOUNT WELDMENT
	4	1	2-15707	FRONT MOUNT RETAINING BRACKET
	5	1	4-15484	FUEL ACCESS COVER ASSEMBLY
	6	1	4-14673	VINYL RH AIR INTAKE COVER
	7	1	1-47016	AIR COVER MOUNT BAR
	8	1	4-15527	STEEL LH AIR INTAKE COVER
	9	2	1-46936	LIFTING EAR
	10	1	4-15469	HARDWARE KIT CONSISTS OF ITEMS 10-22
	11	3	3-10379	HEX NUT, 1/2" NYLOCK
	12	6	3-10147	HEX BOLT, 3/8" x 1.00" LONG
	13	6	3-10086	FLAT WASHER, 3/8"
	14	6	3-17622	FLANGE NUT, 3/8"
	15	1	3-10141	HEX BOLT, 1/2" x 3.50" LONG
	16	3	3-10087	FLAT WASHER, 1/2"
	17	2	3-10406	HEX BOLT, 1/2" x 1.25" LONG
	18	6	3-10228	HEX BOLT, 5/16" x 1.00" LONG
	19	8	3-10085	FLAT WASHER, 5/16"
	20	6	3-17111	FLANGE NUT, 5/16"
	21	1	05-11107	MOUNTING INSTRUCTIONS, CAB A-11762
	22	2	3-18798	SOCKET-BUTTON HEAD BOLT, 5/16" x 7/8" LONG



Preparation of tractor:

- 1) Open mounting kit box and layout parts. Refer to figure 1 for parts identification and part numbers.
- 2) Remove the (4) carriage bolts from each side of the rear frame. See figure 2. Note: Bolts are not present on all machines.
- 3) Removal of the mower deck is optional. It is easier to install the front mount tube with the deck removed. Open the tractor hood.



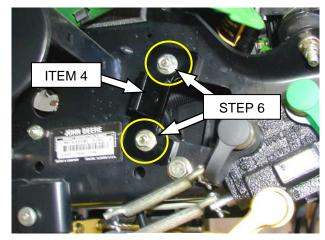
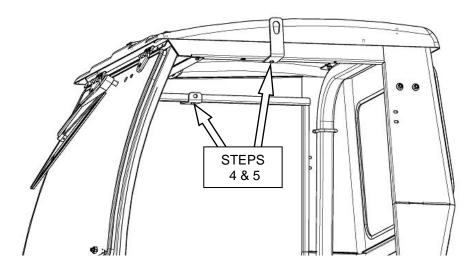


Figure 2

Figure 3

Installing Mounts:

- 4) Locate lifting ears (Item 9), supplied with cab kit. Secure (1) lifting ear to each side of cab as shown in the figure below using (1) 5/16" x 1" bolt with each ear.
- 5) Using an overhead hoist, raise the cab using the lifting ears and remove the shipping pallet and crating.



- 6) Attach the front mount retaining bracket (Item 4) to RH side of tractor frame under foot deck area. Secure to frame using (2) 3/8 x 1.00" bolts, (2) 5/16" flat washers and (2) 3/8" serrated flange nuts. See figure 4.
- 7) Remove front mount tube (Item 3) from cab. Set hardware aside for re-use in Step 14. Insert tube into tractor frame. Use a 1/2 x 3.50" bolt with a ½" flat washer and a ½" nylock nut to secure tube to front mount retaining bracket. See figure 4.

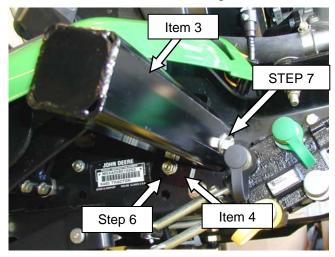


Figure 4

Installation of Cab:

- 8) With cab raised, tractor can be rolled under cab and lowered. The cab is shipped with the rear mount attached to back of cab and can be install without removing from cab. Tractors with 3-point assemblies may need the 3-point assembly removed in order to install rear mount.
- 9) Lower cab with rear mount onto the tractor's rear frame. Cab may need to be tilted rearward to clear fender. Tilt forward and align with rear mount holes. See Figure 5.
- 10) Use a 1/2 x 1.25" bolt with ½" flat washer and ½" nylock nut on the lower hole on each side of the mount. See figure 6. DO NOT TIGHTEN UNTIL ALL HARDWARE IS INSTALLED.

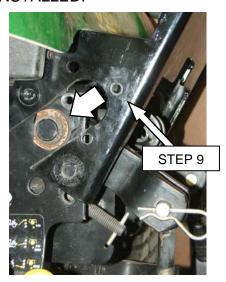


Figure 5

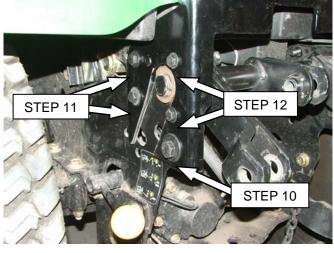


Figure 6

- 11) Use (2) 3/8 x 1" bolts with 5/16" flat washers and 3/8" serrated flange nuts on the (2) front holes on each side of the mount. See figure 6.
- 12) Use (2) 5/16 x 1" bolts with 5/16" flat washers and 5/16" serrated flange nuts on the (2) rear holes on each side of the mount. See figure 6.
- 13) Line up the front holes of cab with the front mount tube holes.
- 14) Secure the front of the cab with hardware from Step 5 by re-using (2) ½" x 3.50" bolts and (2) ½" lock washers as shown in figure 7.
- 15) Remove lifting ears and store for future use if cab is ever removed.





Figure 7 Figure 8

16) Important! Using a torque w rench, torque all mounting hardw are to the following torque specifications:

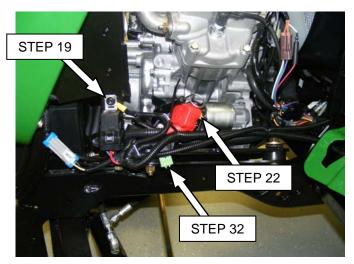
5/16" hardware to 21 ft-lbs 3/8" hardware to 37 ft-lbs 1/2" hardware to 90 ft-lbs

17) Check the ½" bolts that connect the cab ROPS to that rear mount are properly torque to 90 ft-lbs! See Figure 8.

Electrical Hook-Up (Disconnect battery power):

- 18) Open the windshield and lift the tractor hood. Remove the right side screen assembly from the tractor console. Disconnect battery. Locate relay-breaker end of wire harness (secured to LH front post of cab for shipping from factory).
- 19) **Gas engines, only**; Attach the relay breaker mount bracket to tractor. Remove the lower mounting screw from the muffler guard on left side of the tractor. Attach bracket and ¼" ring terminal on 12" black ground wire from relay using mounting screw for muffler guard. See figure 9.
- 20) **Diesel engines, only**; Mount relay breaker mount bracket, supplied to the lower right side of machine frame along with the black 12" black ground wire. See figure 10.

- 21) Route the 66" blue wire from relay PIN 86 to the tractor's electrical panel, located on left side of cowl. Use a 3-way wire splice or T-tap connector to connect the blue wire to yellow #500 wire. See figure 11.
- 22) Connect the 3/8" ring terminal on the 8" orange wire from the circuit breaker to the (+) positive post on the starter motor. See figure 9. Gas engine shown diesel engine similar.



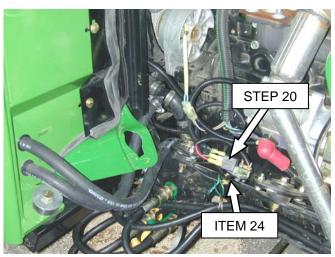


Figure 9 (Gas engines, only)

Figure 10 (Diesel engines, only)

23) Secure loose wire harness with nylon ties to avoid any hot or moving parts.

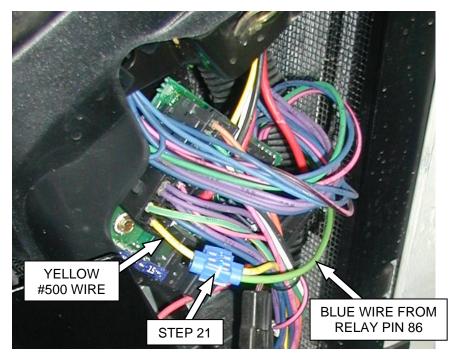


Figure 11

Installing Seal Panels (REMOVE PANELS FOR SUMMER USE).

- 24) Install air intake mount bar (Item 7) as shown in Figures 12 & 13. Secure the top of bar by using the inside window bracket hardware.
- 25) Secure the bottom of mount bar using (1) 5/16" x 7/8" long socket-button head bolt and (1) 5/16" flange nut.
- 26) Place LH air intake panel (Item 8) around the tractor cowl area. Secure panel to mount bar installed in step 22, using (1) 5/16" x 7/8" long socket-button head bolt and (1) 5/16" flange nut.

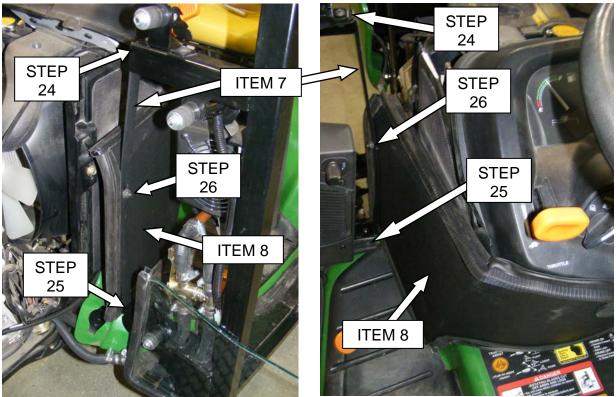


Figure 12 Figure 13

- 27) Clean surfaces of the RH side of the tractor's cowl using isopropyl alcohol.
- 28) Matching the angle of the intake cover's edge, apply the PSA Velcro hook located on the RH inside surface of the steel air intake panel (Item 8) to the machine's cowl surface. See Figure 14.
- 29) Locate vinyl RH air intake cover (Item 6). Peel and stick Velcro hook with PSA back, onto RH side of cowl panel and the side of the machine's step panel as shown in figures 14 and 15. Make sure pedal operates freely from the vinyl cover. See figure 15.

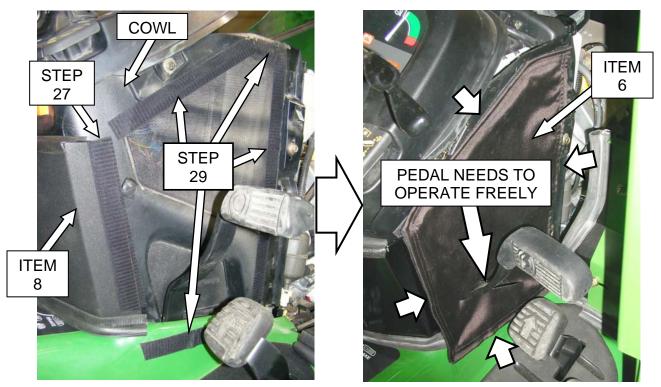


Figure 14 (SHOWN WITH VINYL COVER REMOVED)

Figure 15 (SHOWN WITH VINYL COVER INSTALLED)

- 30) Reconnect battery.
- 31) Turn ignition key on and start tractor.
- 32) If wiper and dome light fail to work, check to make sure the manual reset on the breaker is not tripped. See Figure 9. Make sure there are no pinched wires.
- 33) Check operation of front wiper; Hi, Lo and Off. When turning wiper switch off, wiper motor will run for a short period of time and then stop or park itself. Wiper should turn off when tractor key is turned off. Check operation of dome light. On/Off. Dome light should go off if tractor key is turned off.
- 34) Never exceed 30 amps total of cab accessories. The manual breaker is rated for 30 amps and will not automatically reset when tripped. If tripped, a close inspection of wiring should be performed. The breaker will need to be reset manually. See figure 9.
- 35) Make sure that the LH front intake area is free of obstructions to allow proper airflow. See figure 16.

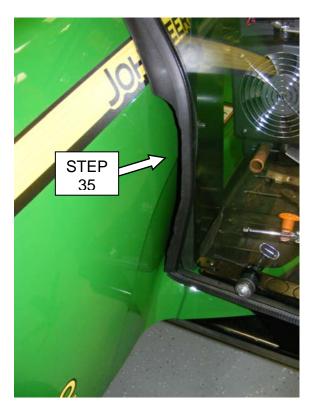
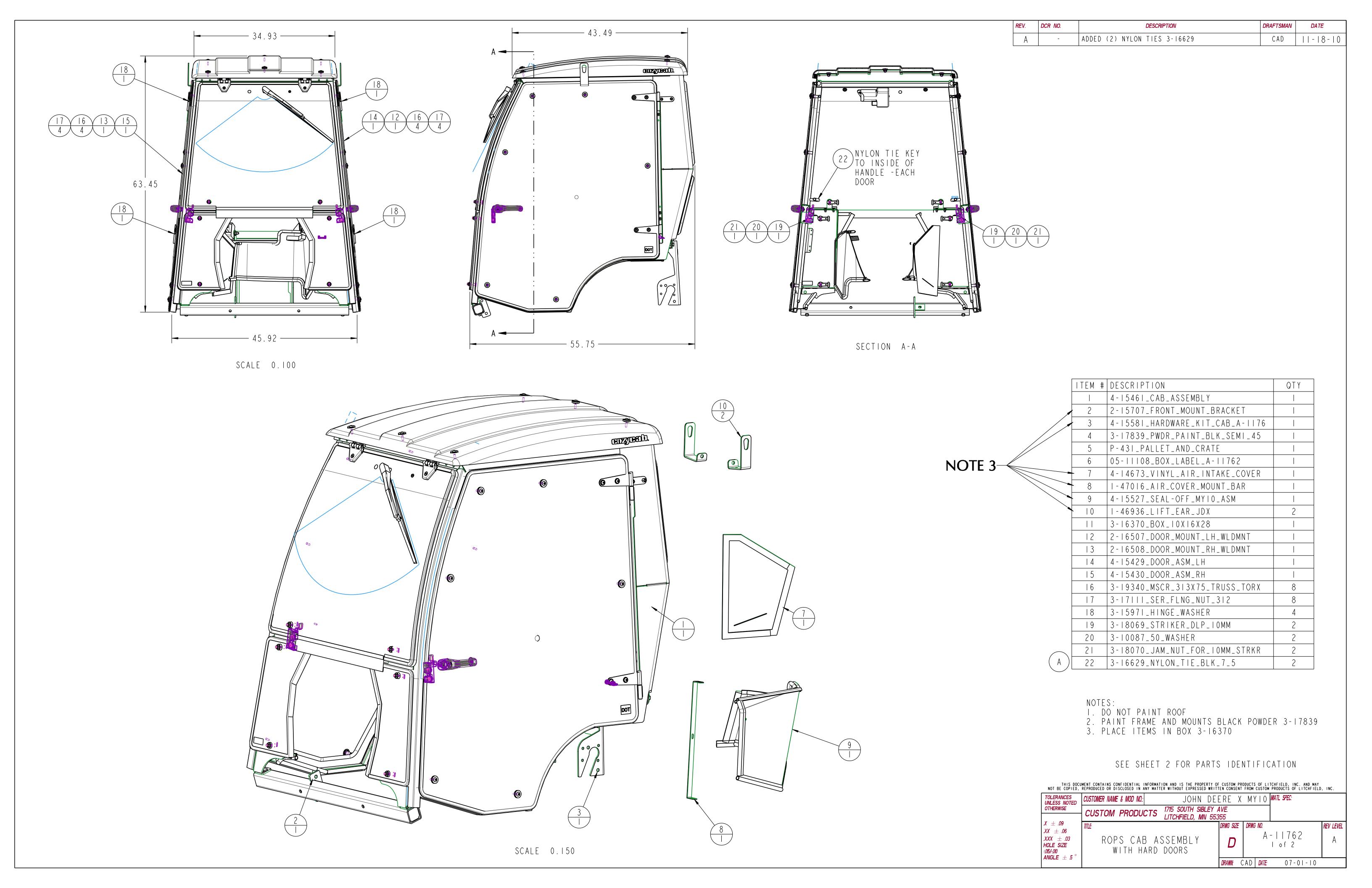


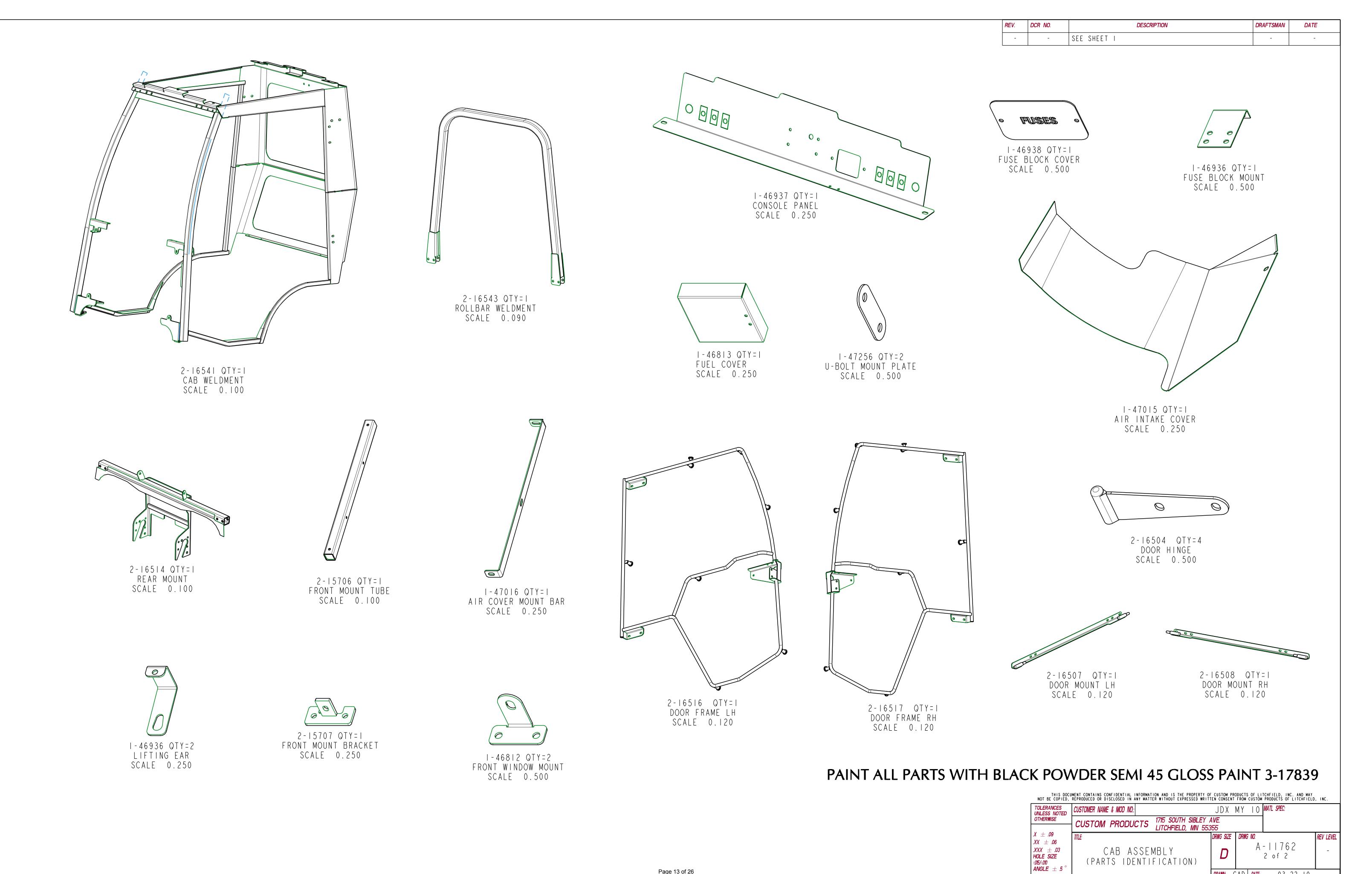
Figure 16

Cab installation is now complete. If you have any questions or comments, contact;



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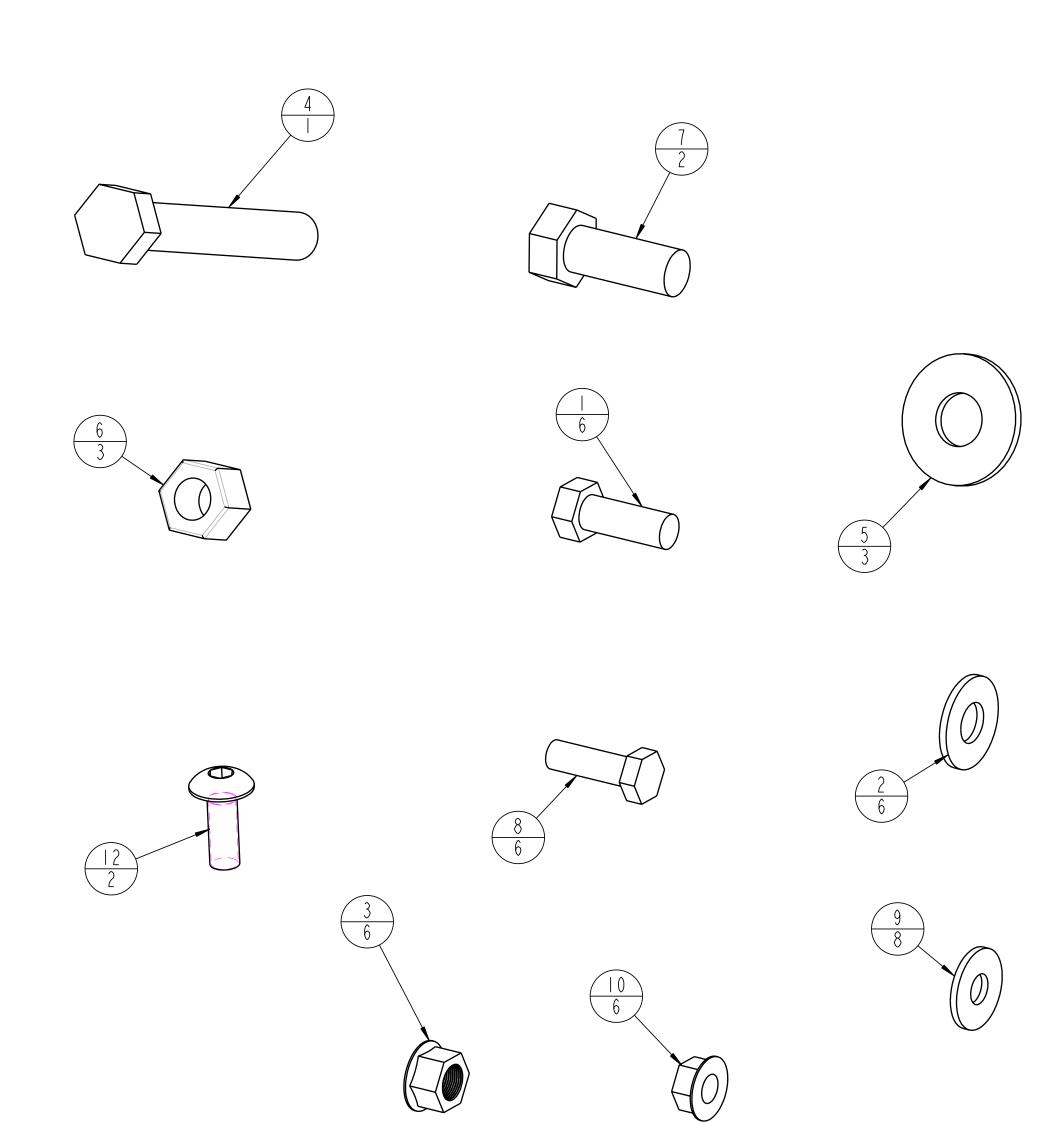


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E:CAD2	

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4	3-10141_HHCS_50_X_3_50_G5	
5	3-10087_50_WASHER	3
6	3-10379_500_NYLOCK	3
7	3-10406_50_HHCS_X125	2
8	3-10228_313_HHCS_X100	6
9	3-10085_3125_WASHER	8
10	3-17111_SER_FLNG_NUT_312	6
	3-16265_BAG_10X12_Z1PLOCK	SEE BOM
12	3-18798_313_18NC_875_BHSOC	2
13	05-11107_MOUNT_INSTR_CAB	

REF PARENT MODEL 4-15469

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TOLERANCES UNLESS NOTED	CUSTOMER NAME & MOD NO: JD X MY 10 FOR A-I	1762	MATL SPEC:	
OTHERWISE	CUSTOM PRODUCTS 17/15 SOUTH SIBLEY A			
	ETCH IEED, WIN 333	00		
$.X \pm .09$	TITLE:	DRWG SIZE	DRWG NO.	REV LEVEL
.XX ± .06 .XXX ± .03 HOLE SIZE	HARDWARE KIT	С	4-15581	-
+.015/010 ANGLE \pm .5 $^{\circ}$		DRAWN: C	CAD DATE 07-02-10	

Page 15 of 26 ± .5 °

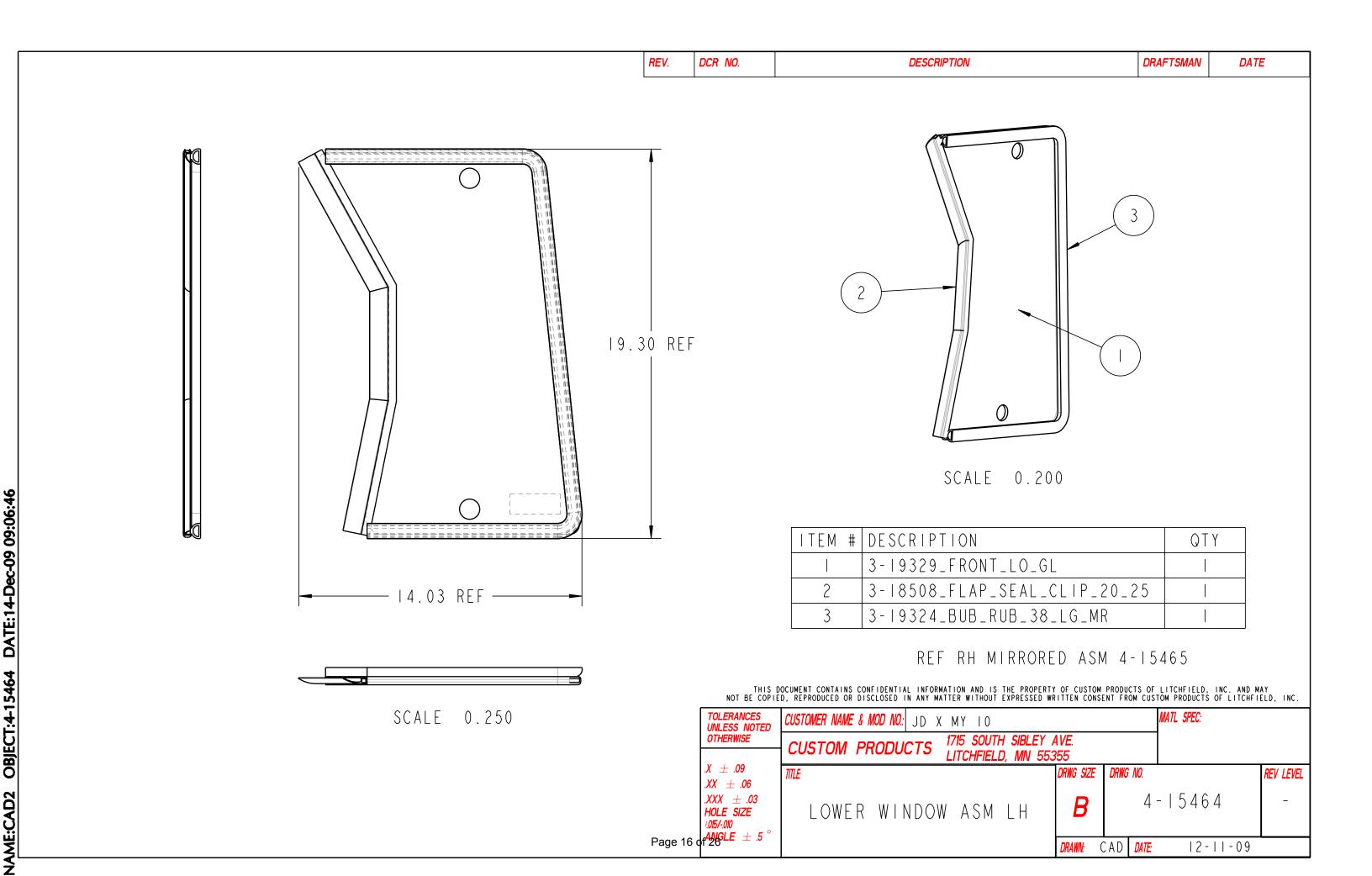
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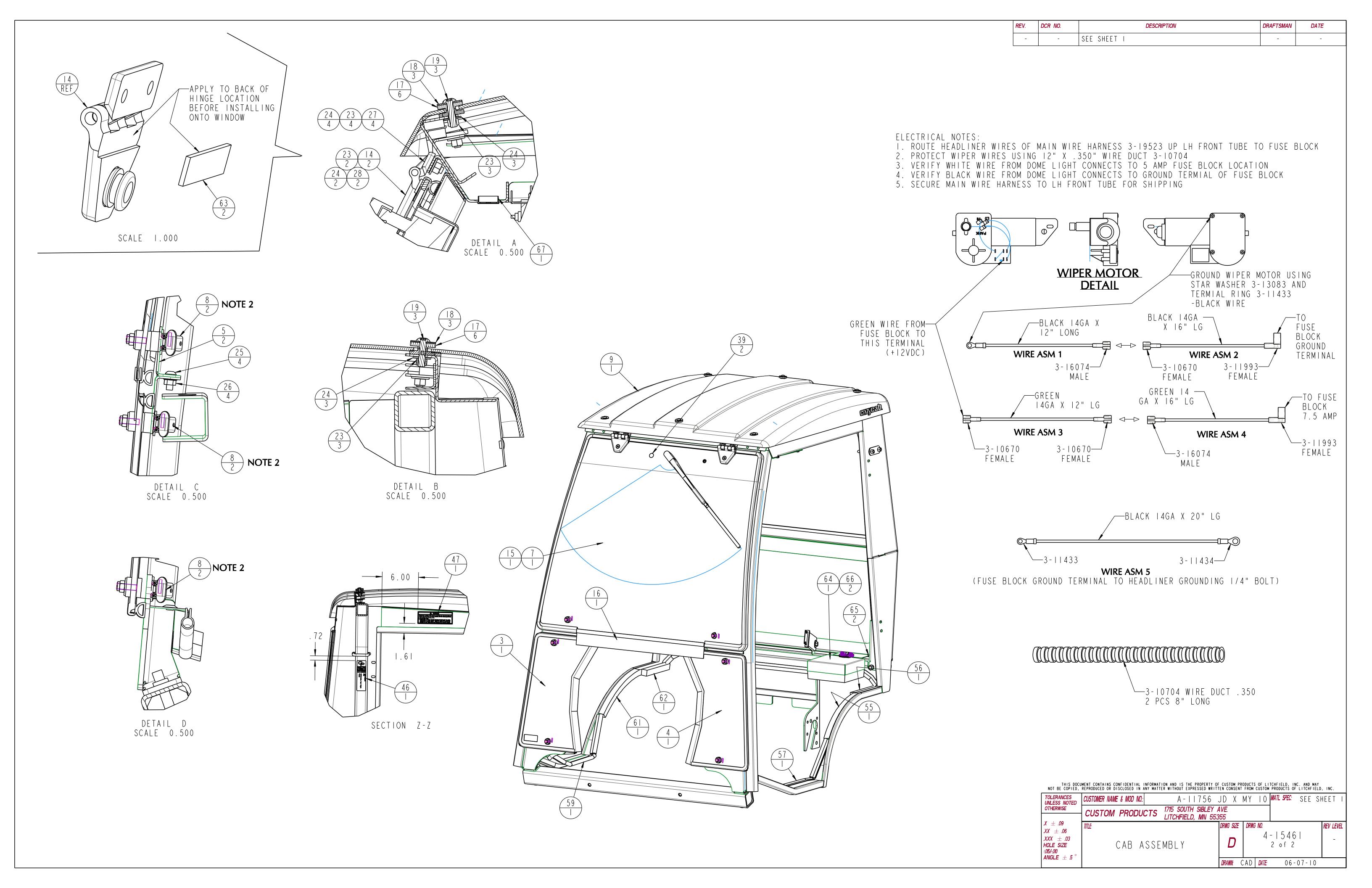
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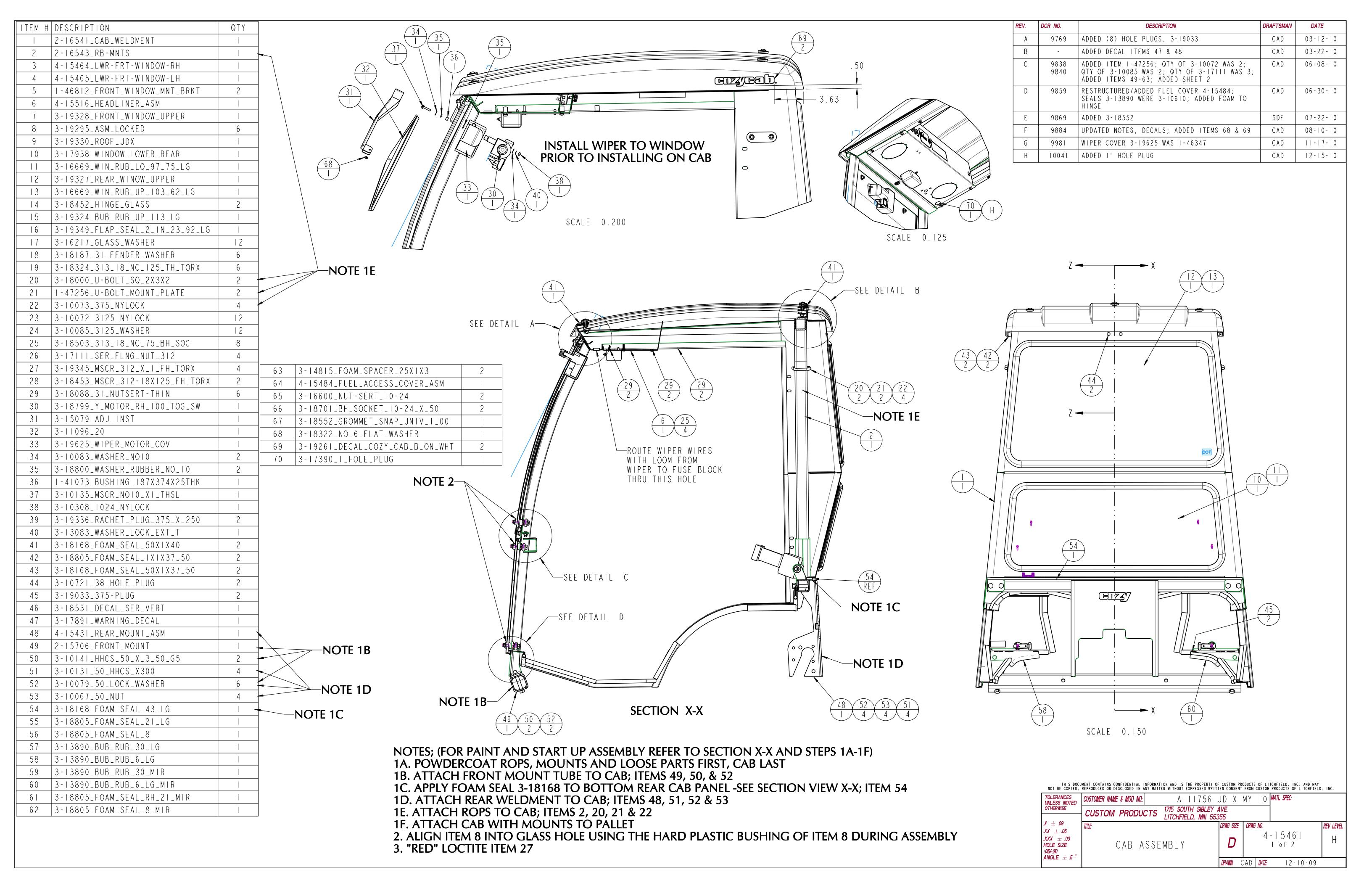
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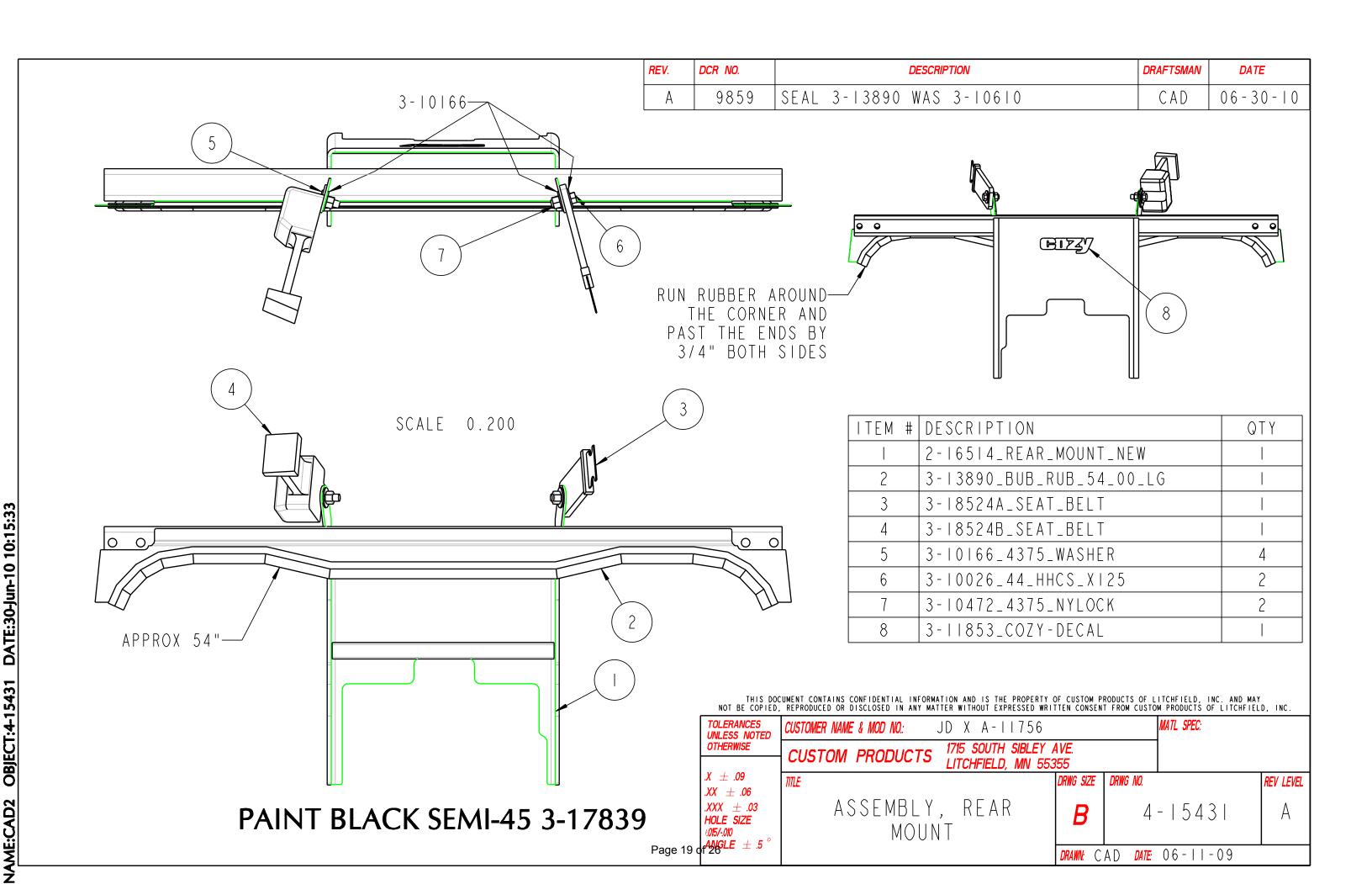
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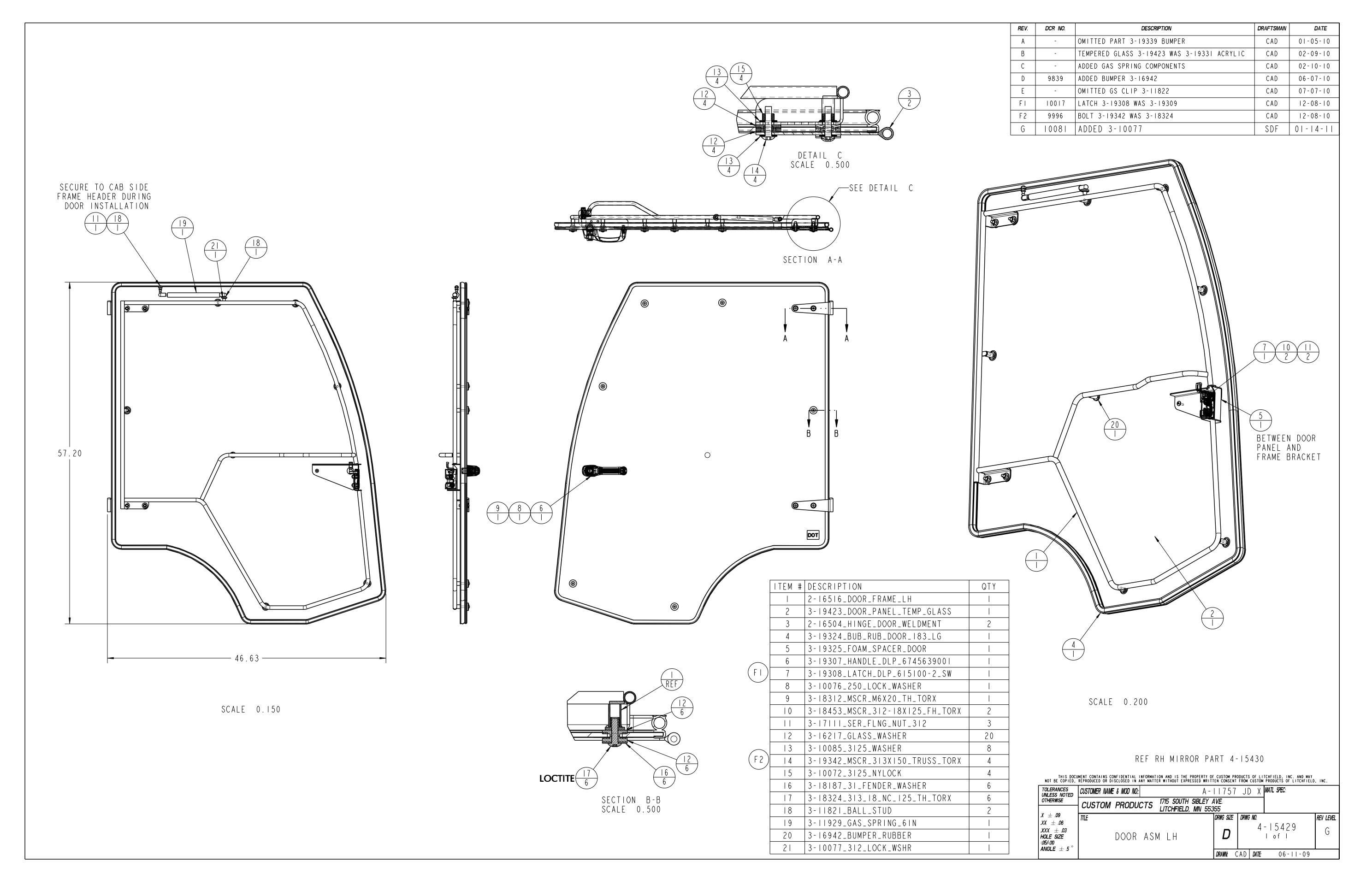
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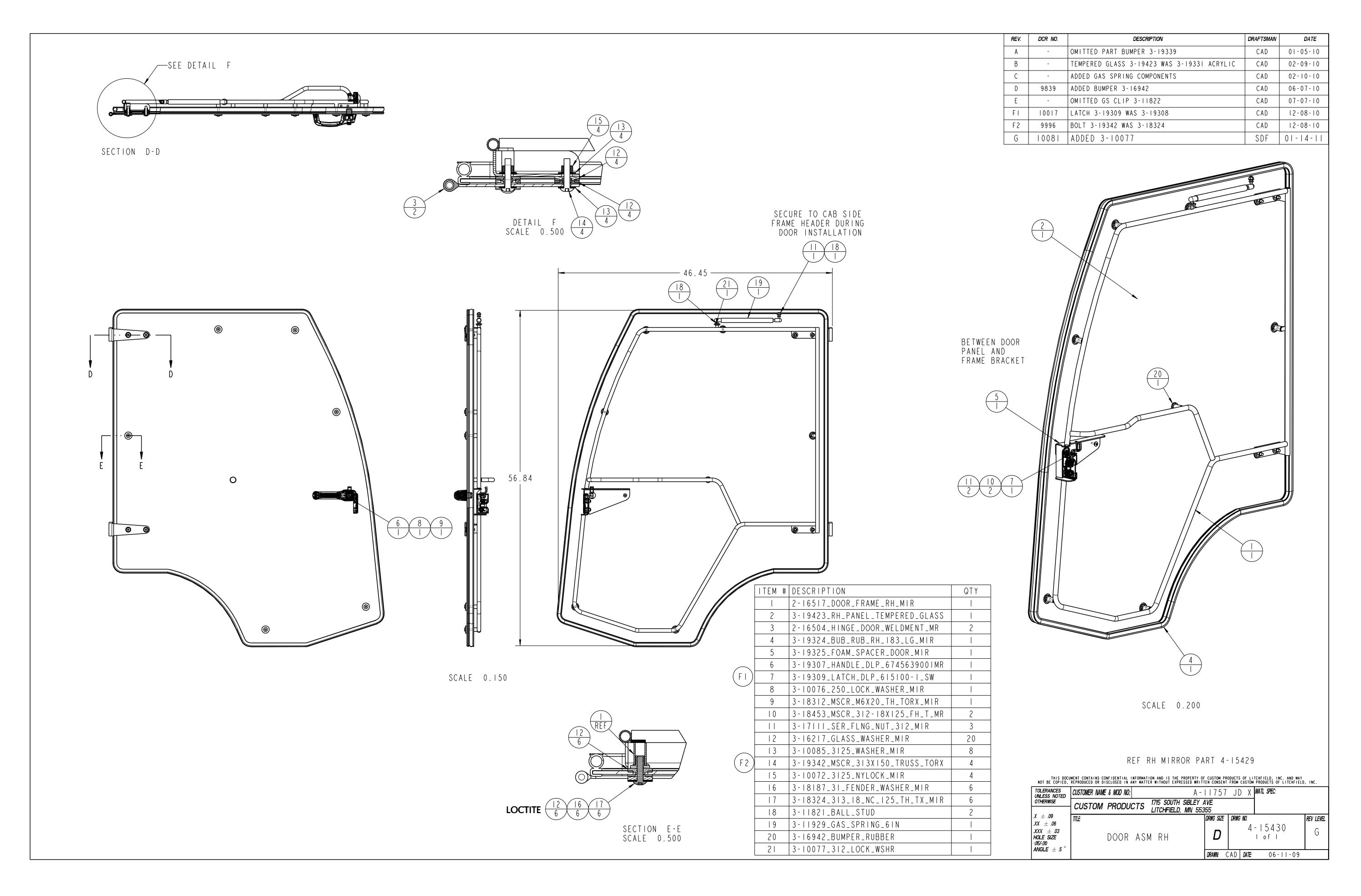


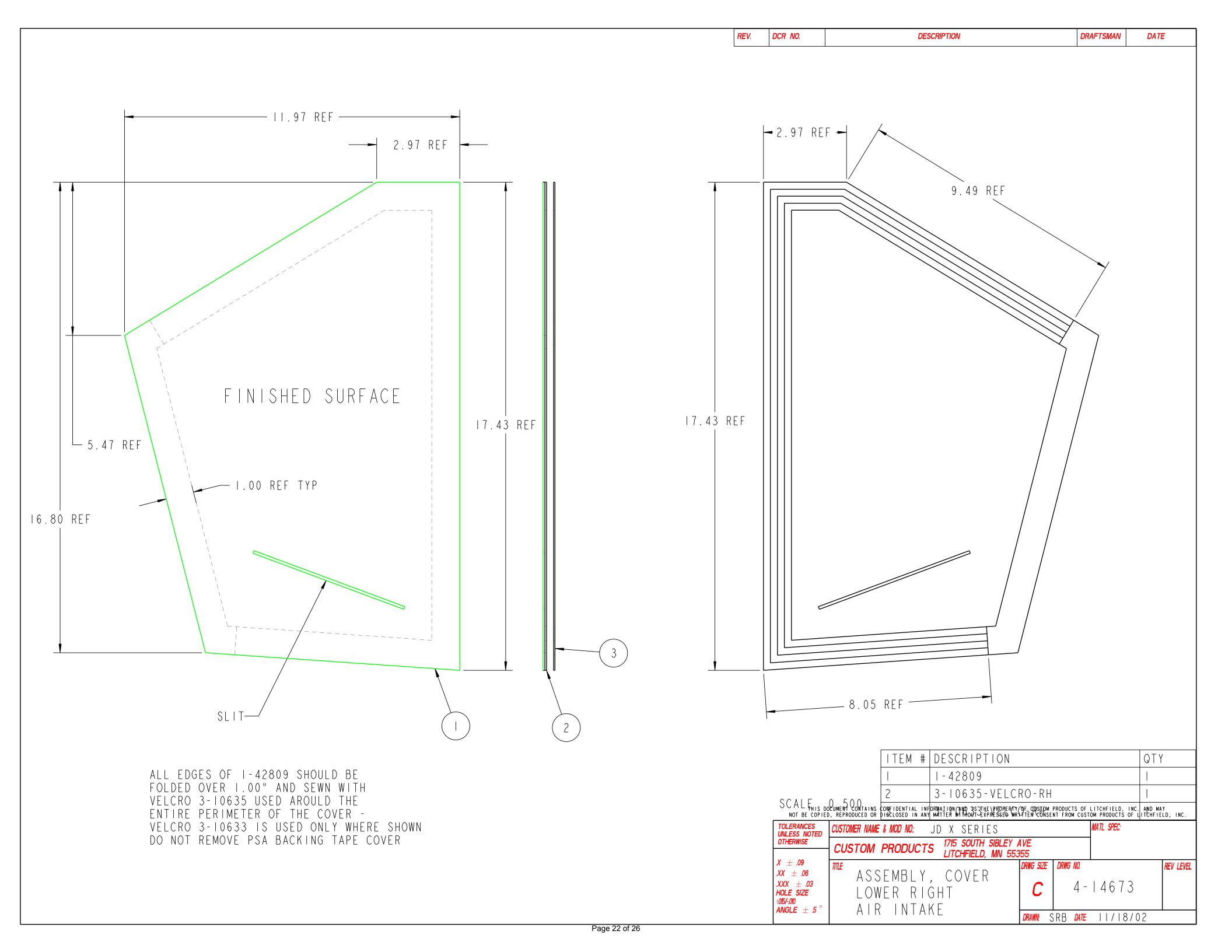


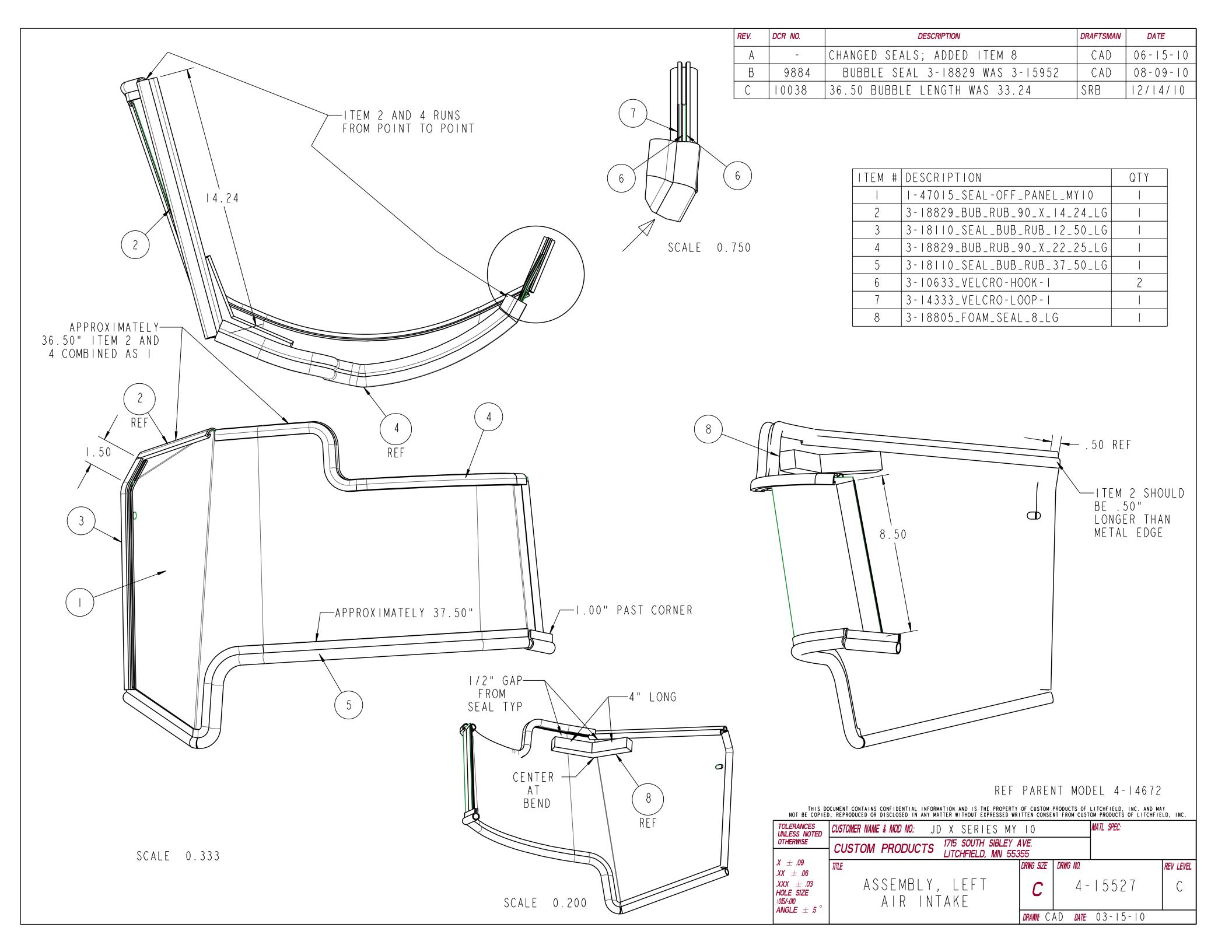












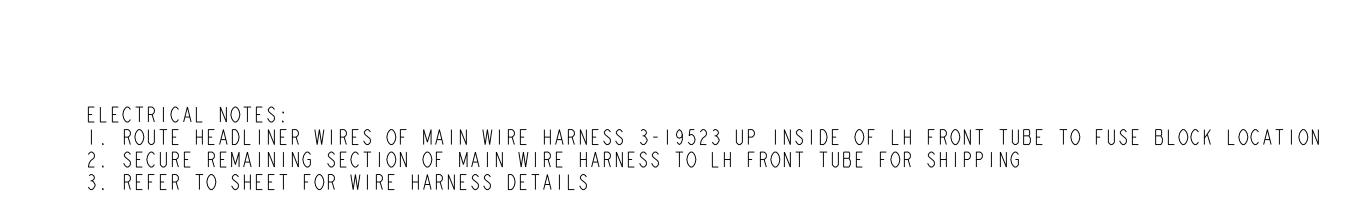
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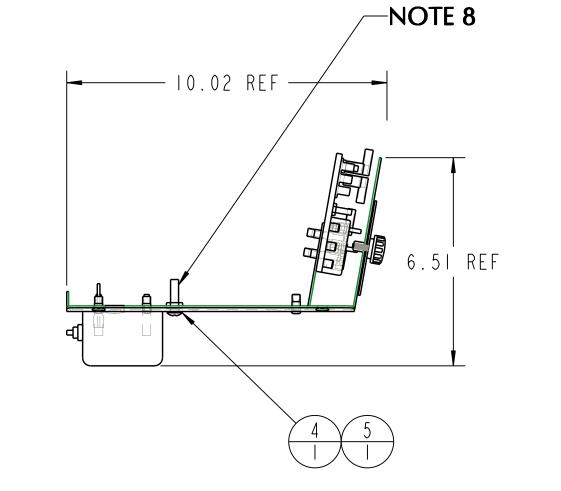
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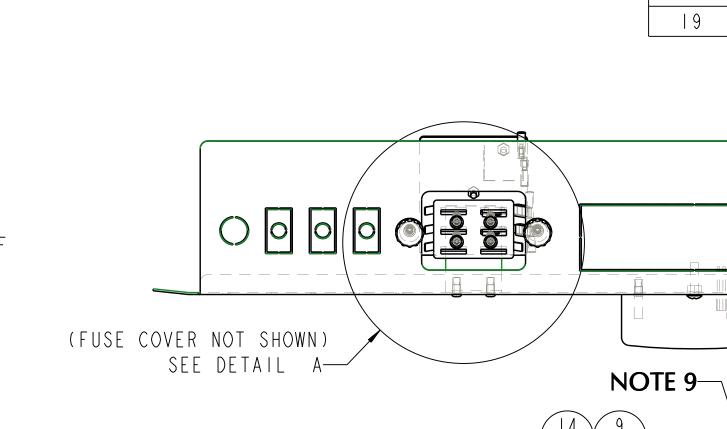
(5 AMP FOR DOME LIGHT)

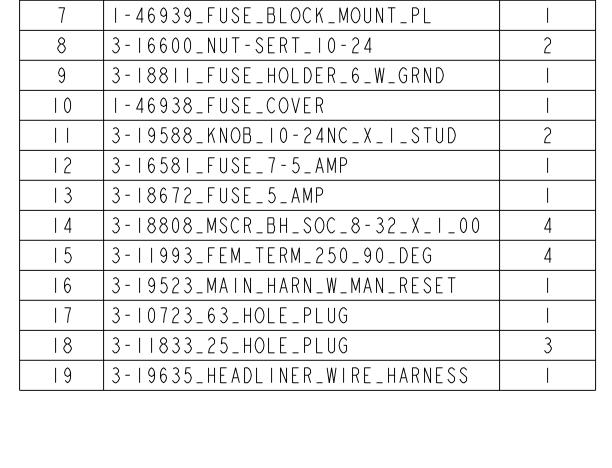
DETAIL A SCALE 0.500

(FUSE COVER NOT SHOWN)



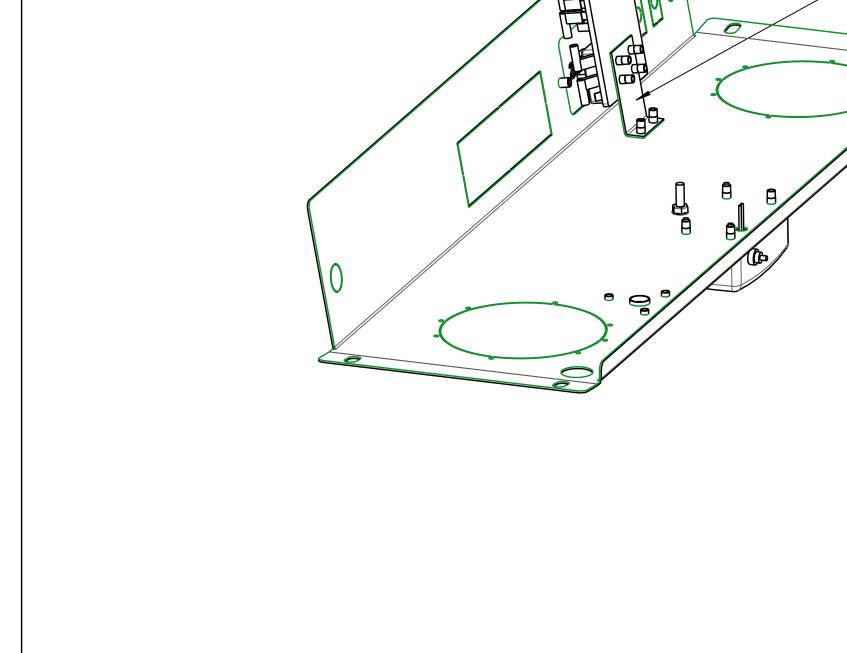




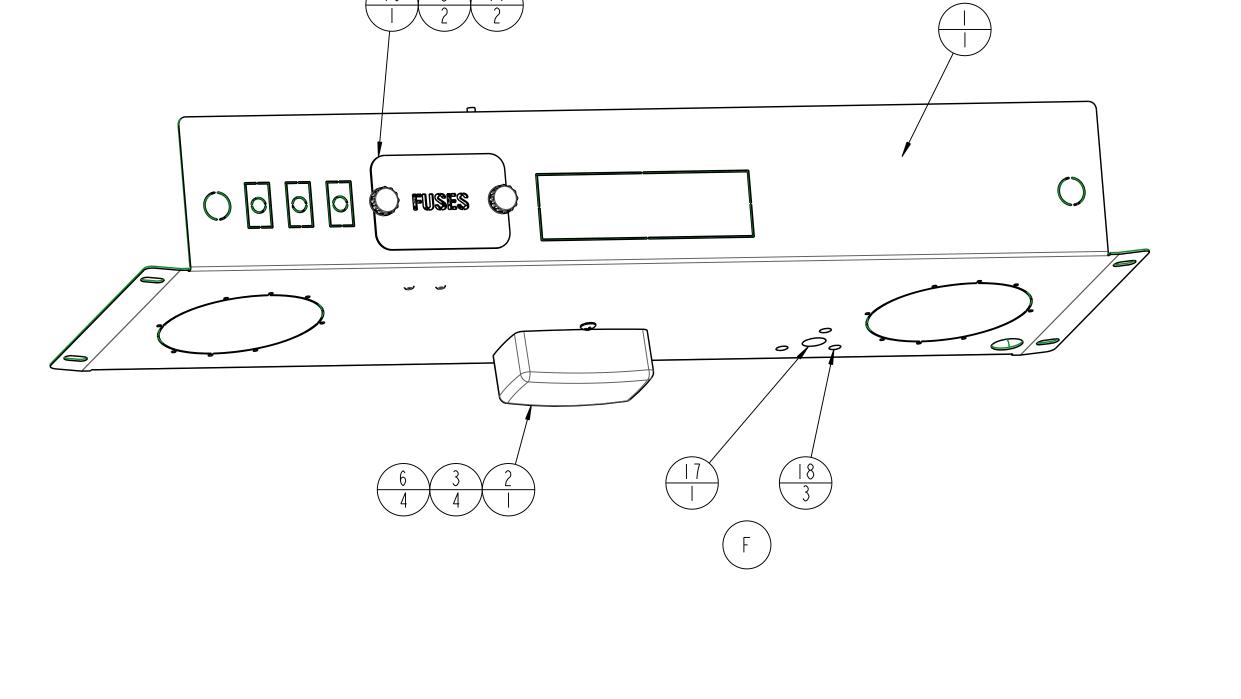


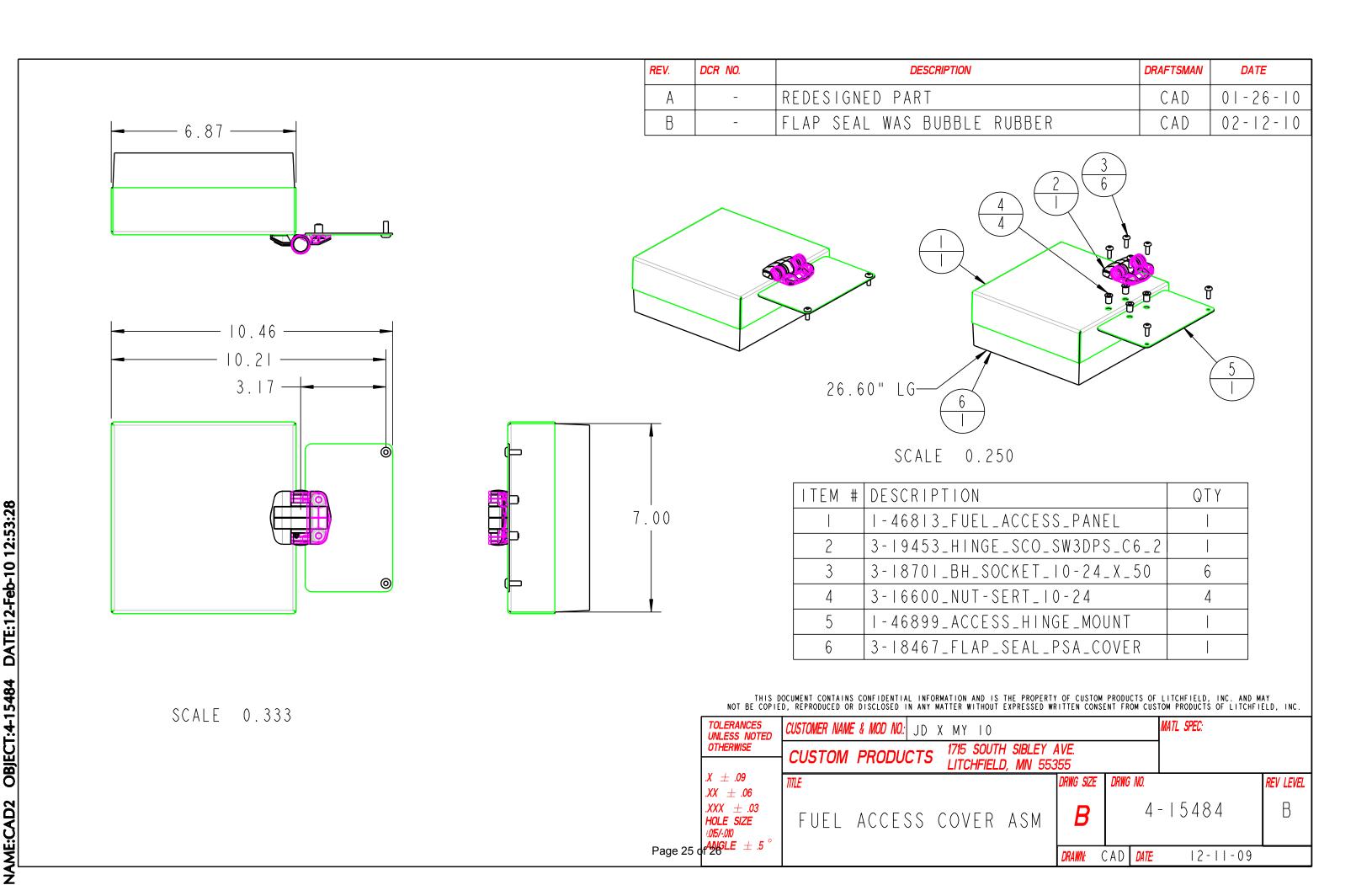
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5	3-14924_25_NUT_HEX_FLNG	
6	3-18807_MSCR_BH_SOC_8-32_X_50	6
7	I-46939_FUSE_BLOCK_MOUNT_PL	
8	3-16600_NUT-SERT_10-24	2
9	3-18811_FUSE_HOLDER_6_W_GRND	
10	I-46938_FUSE_COVER	
	3-19588_KNOB_10-24NC_X_1_STUD	2
12	3-16581_FUSE_7-5_AMP	
13	3-18672_FUSE_5_AMP	
4	3-18808_MSCR_BH_SOC_8-32_X_I_00	4
15	3-11993_FEM_TERM_250_90_DEG	4
16	3-19523_MAIN_HARN_W_MAN_RESET	
17	3-10723_63_HOLE_PLUG	
18	3-11833_25_HOLE_PLUG	3
19	3-19635 HEADLINER WIRE HARNESS	

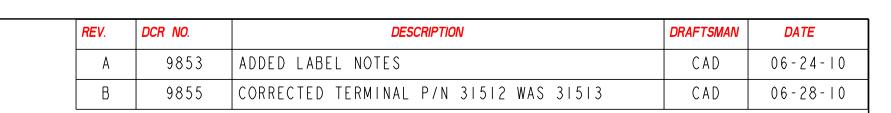
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С	9858	WIRE HARNESS 3-19523 WAS 3-18290 RELOCATED DOMELIGHT	CAD	06-30-10
D	9884	CORRECTED DOMELIGHT WIRING INFORMATION	CAD	8-9-10
E	9954	REPLACED BOLTS ON FUSE COVER TO KNOBS	MRB	10-21-10
F	9964	ADDED HOLE PLUGS FOR FAN HOLES	SRB	10/27/10
G	10172	ADDED HEADLINER WIRE HARNESS	CAD	04-12-11

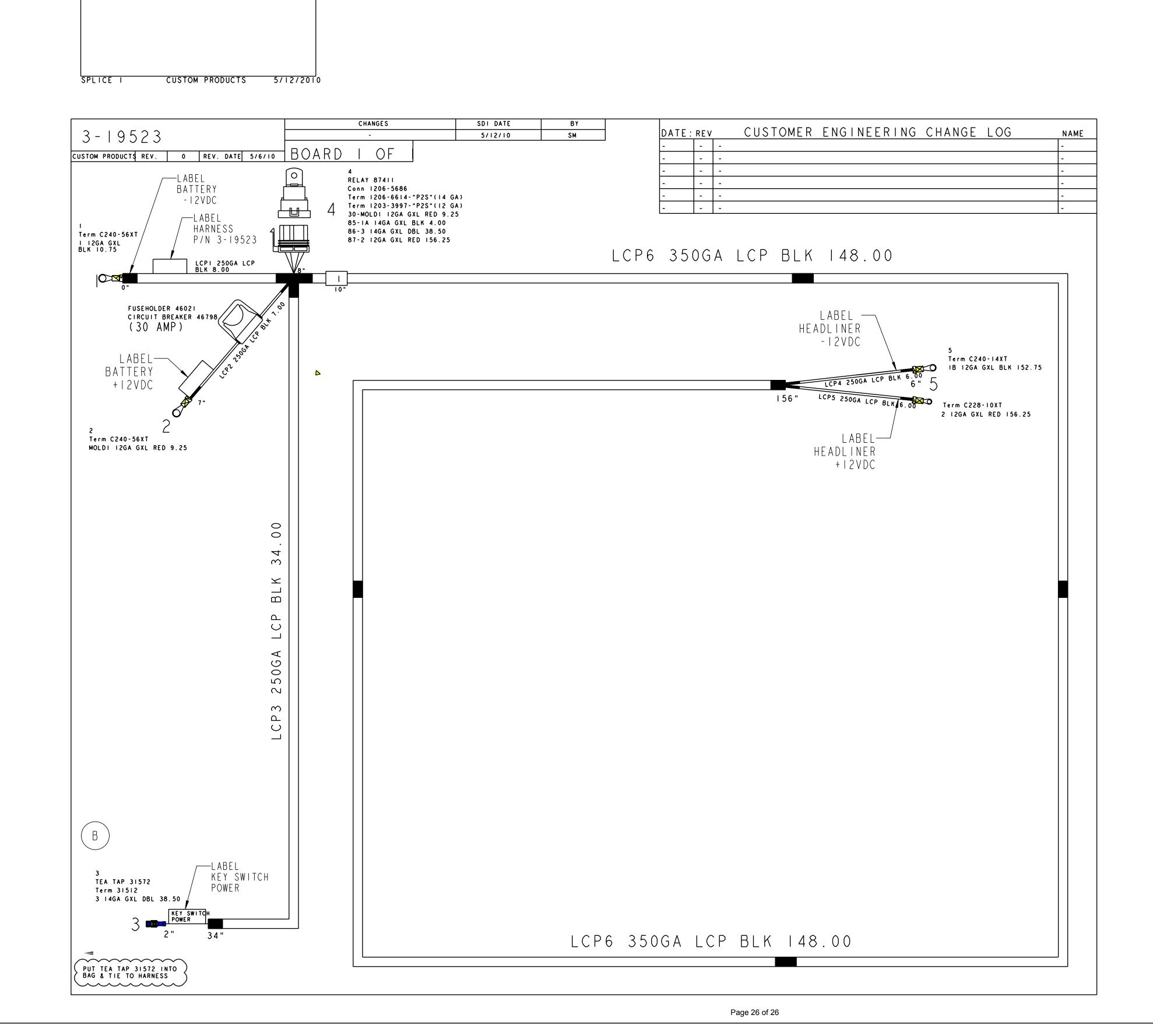


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Cross Section = 8 3-19523-0.1

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I/4" X I.5" DW SHRINK

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LITCHFIELD, MN 55355

TITLE

WIRE HARNESS, MAIN

DRWG SIZE DRWG NO.

3 - | 9523

HOLE SIZE (105/-010)

ANGLE ± .5°

DRAWN: CAD DATE: 05-24-10