

- NOTES:**
- 1) - THE +5 VDC REFERENCE SUPPLY FOR THE MD3 MODULE IS LIMITED TO A MAXIMUM TOTAL CURRENT OF: 150mA
 - 2) - THE +5 VDC REFERENCE SUPPLY FOR THE XA2 MODULES IS LIMITED TO A MAXIMUM TOTAL CURRENT OF: 150mA
 - 3) - THE +5 VDC REFERENCE SUPPLY FOR THE XS2 MODULES IS LIMITED TO A MAXIMUM TOTAL CURRENT OF: 150mA
 - 4) - - INDICATES TWISTED PAIR. 0.67 TO 0.91 TWISTS PER INCH. (REFERENCE SAE J1939-15).
 - 5) - - INDICATES SHIELDED WIRE.
 - 6) - - INDICATES A TERMINAL BLOCK.
 - 7) - - INDICATES WIRING PROVIDED BY THE CUSTOMER.
 - 8) - FOR SCHEMATIC DESIGNATORS, THE PREFIX INDICATES:
 - A PREFIX OF "1" INDICATES A DEVICE IN THE SWITCH ENCLOSURE. (I.E. 1CONN1, 1PB1, ...)
 - A PREFIX OF "2" INDICATES A DEVICE IN THE IQAN MODULE ENCLOSURE. (I.E. 2CONN1, 2CONN2, ...)
 - A PREFIX OF "3" INDICATES A DEVICE IN THE CURB SIDE CONTROL BOX. (I.E. 3CONN1, 3PB1, 3JS1, ...)
 - A PREFIX OF "4" INDICATES A DEVICE IN THE CAN JOYSTICK. (I.E. 4CONN1, 4S1, 4JS1, ...)
 - A PREFIX OF "5" INDICATES A DEVICE IN THE DOOR CONTROLLER. (I.E. 5PB1, 5JS1, ...)
 - 9) - FOR ANY DEUTSCH CONNECTORS, THE CONTACT SIZE IS SHOWN IN PARENTHESIS ADJACENT TO THE CONTACT.
 -
 - 10) - - INDICATES OPTIONS.

DESCRIPTION	DATE	BY	CHECKED BY	ECO NO.	REV
XI02 and In-Cab Harnesses	7-2-2019	FEH	-	-	J
E33 SWITCHES, ALL 3PIN PROXES, ADDED SECTION, PROP GRIP	3-31-2017	FEH	-	-	I
DOOR CTRL, 2ND GEN SPLIT BOX, ADDED OPTIONS	-	FEH	-	-	H
CHASSIS MOUNTED LIGHTING	-	FEH	-	-	G
CONTROL BOX CHANGED, POWER TO PARKING BRAKE SENSOR	4/14/2015	FEH	-	-	F
BODY UP LIGHT WAS 202, LOADER UNSTOWED LIGHT WAS 200	10-28-2013	JSG	-	3260	E
ADD CAMERA POWER, AUTO LUBE & JOYSTICK OPTIONS	3-27-2013	JSG	-	3118	D
ADD CRUSHER PANEL OPTION	2-1-2012	JSG	-	-	C
CONN4, ROCKER SWITCHES, PRESS XDCR, EXTENSION HARNESS	3-7-2011	JSG	-	2648	B
CREATED DRAWING	3-22-2010	JSG	-	-	A

MY 2019

THIRD ANGLE PROJECTION	DESIGNED BY JSG	3-22-2010
	ENGINEER	11-11-2013
	ACCOUNT MANAGER M McDONALD	11-12-2013
	3D MODELING COORDINATOR J PRETTERER	11-13-2013
	MATERIAL	
	CONTRIBUTING	
	FORM NO. ENG.DWG.003.REVC	5/12/2008

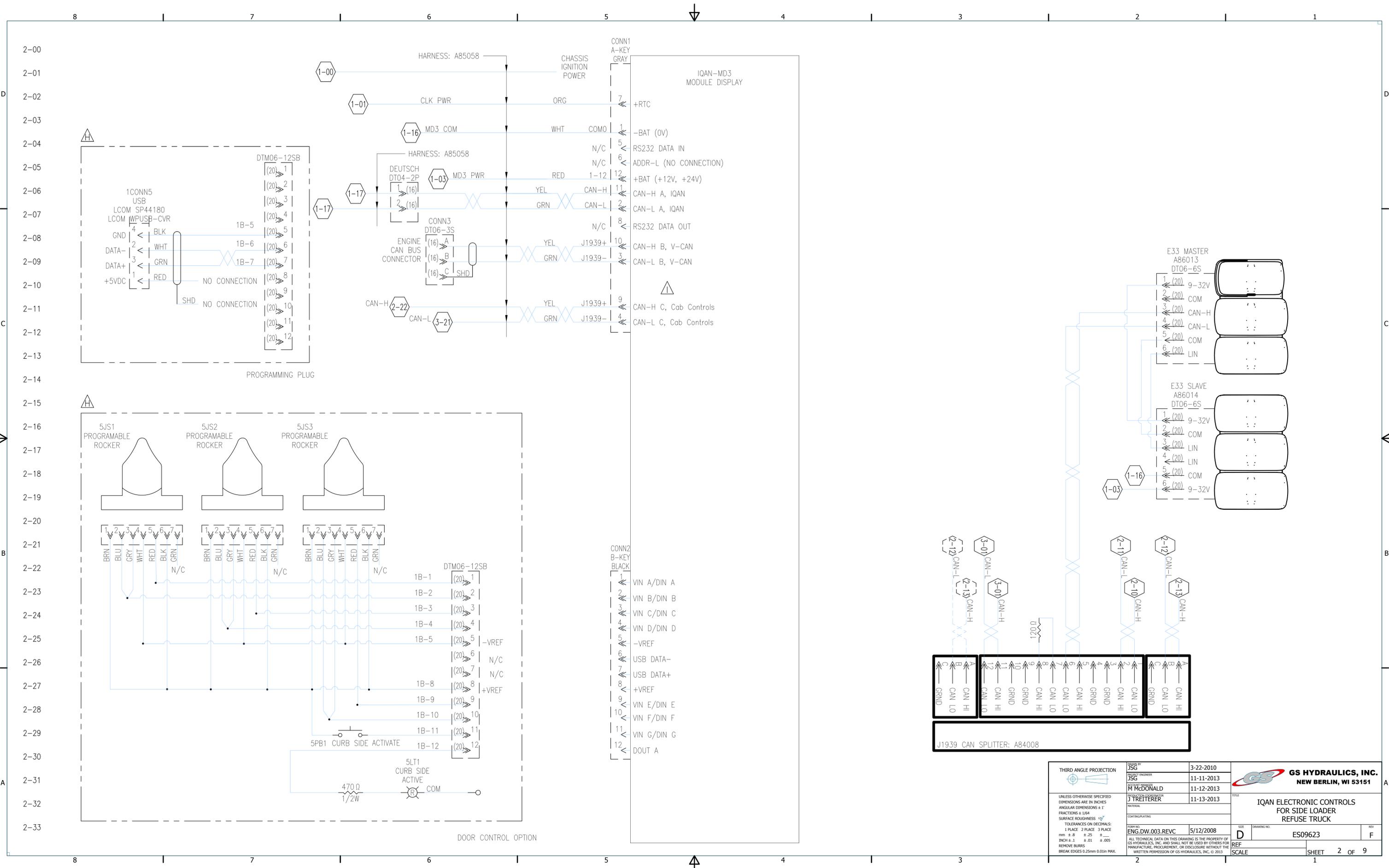
GS HYDRAULICS, INC.
NEW BERLIN, WI 53151

IQAN ELECTRONIC CONTROLS FOR SIDE LOADER REFUSE TRUCK

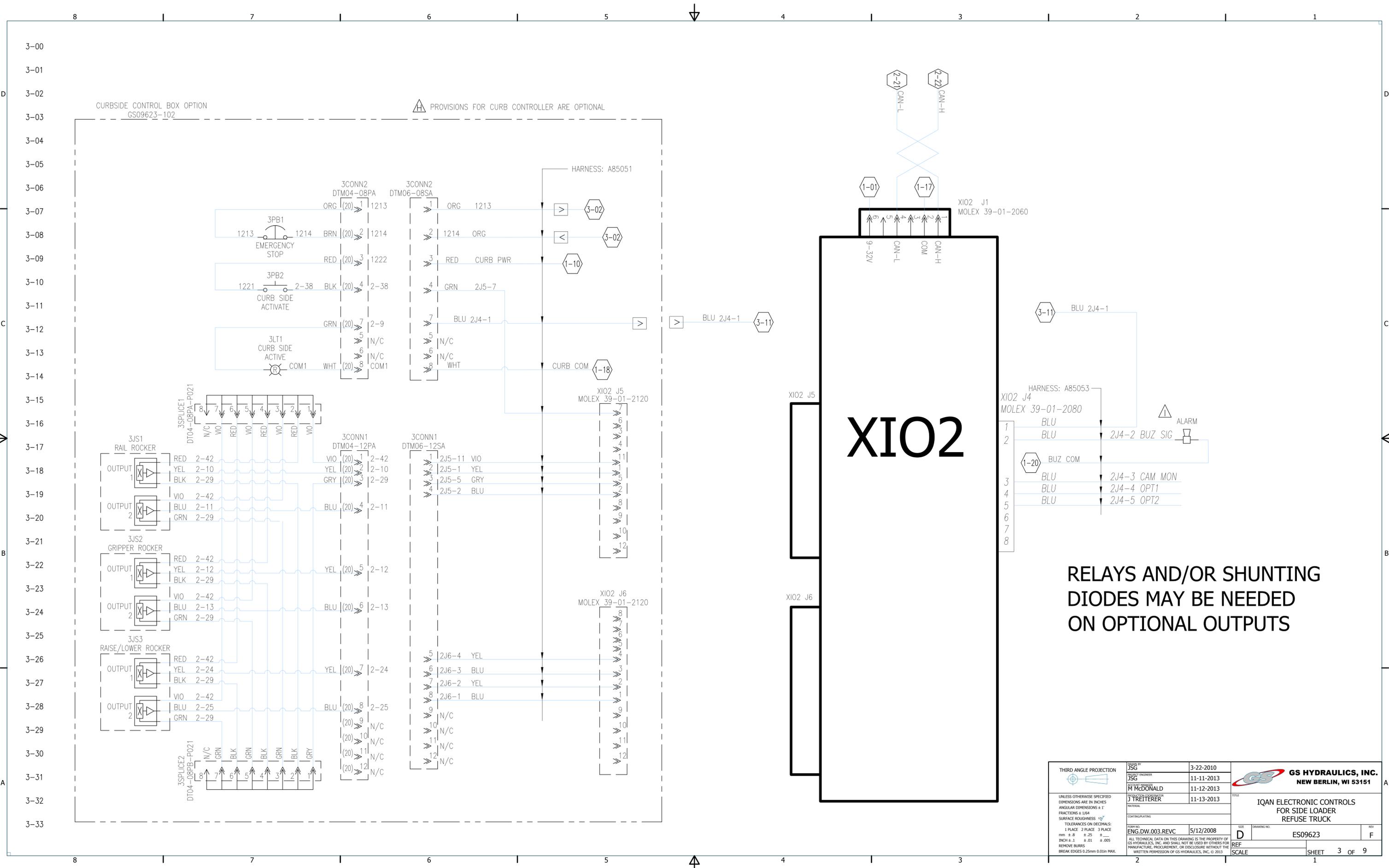
SIZE: D DRAWING NO.: ES09623 REV: J

SCALE: SHEET 1 OF 7

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGULAR DIMENSIONS ± 1° FRACTIONS ± 1/64 SURFACE ROUGHNESS 125 TOLERANCES ON DECIMALS: 1 PLACE: 2 PLACE: 3 PLACE mm ± .8 ± .25 ± .1 INCH ± .1 ± .01 ± .005 REMOVE BURRS BREAK EDGES 0.25mm 0.01in MAX.



THIRD ANGLE PROJECTION	DESIGNED BY JSG	DATE 3-22-2010	GS HYDRAULICS, INC. NEW BERLIN, WI 53151
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	DESIGNED BY MCDONALD	DATE 11-12-2013	
	DESIGNED BY MCDONALD	DATE 11-13-2013	
FORM NO. ENG.DW.003.REVC	DATE 5/12/2008	SIZE D	TITLE IQAN ELECTRONIC CONTROLS FOR SIDE LOADER REFUSE TRUCK
SCALE		SHEET	REV
		2	F



CURBSIDE CONTROL BOX OPTION
GS09623-102

PROVISIONS FOR CURB CONTROLLER ARE OPTIONAL

HARNESS: A85051

XIO2 J1
MOLEX 39-01-2060

XIO2 J5
MOLEX 39-01-2120

XIO2 J5

HARNESS: A85053
XIO2 J4
MOLEX 39-01-2080

ALARM

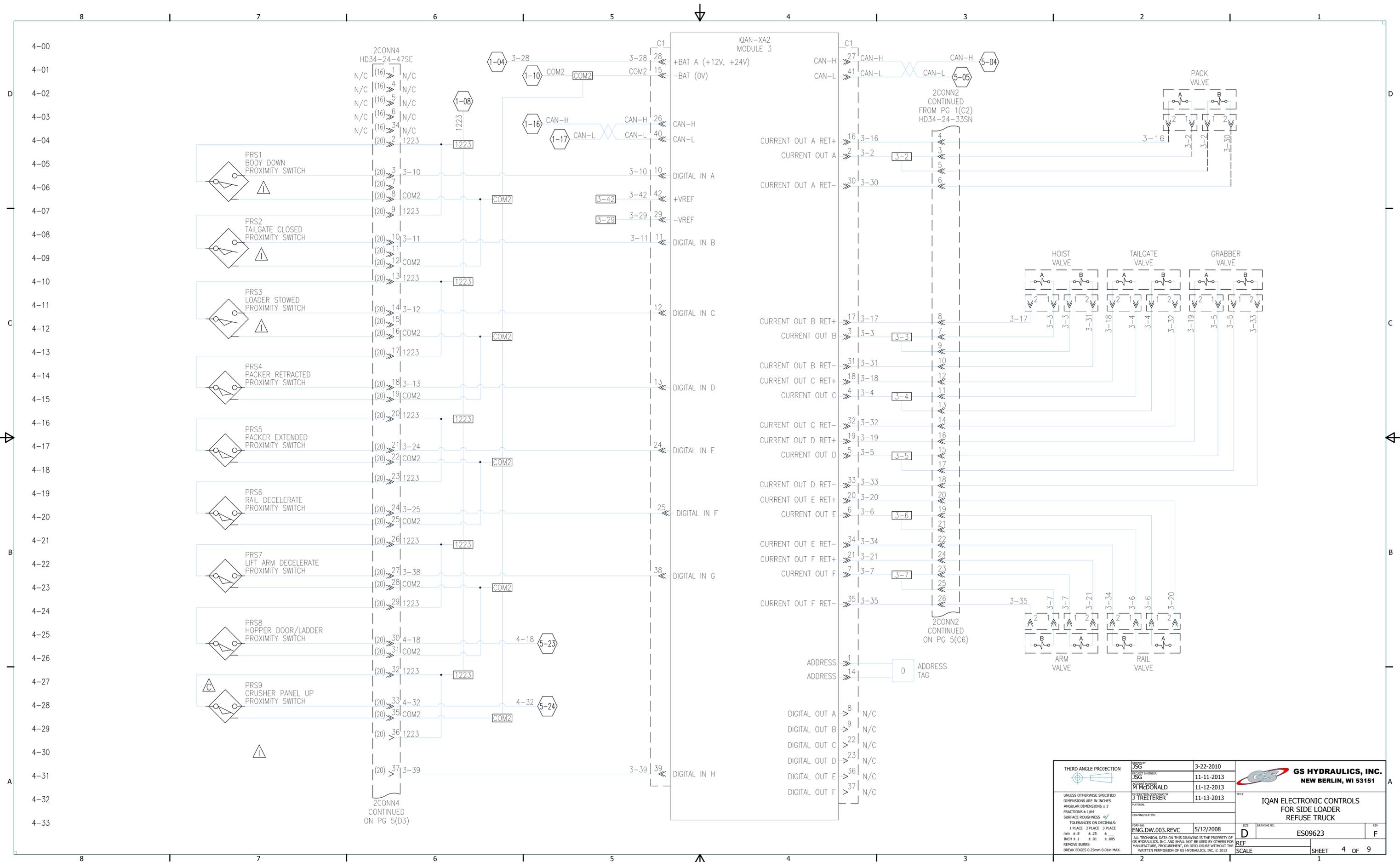
XIO2

XIO2 J6
MOLEX 39-01-2120

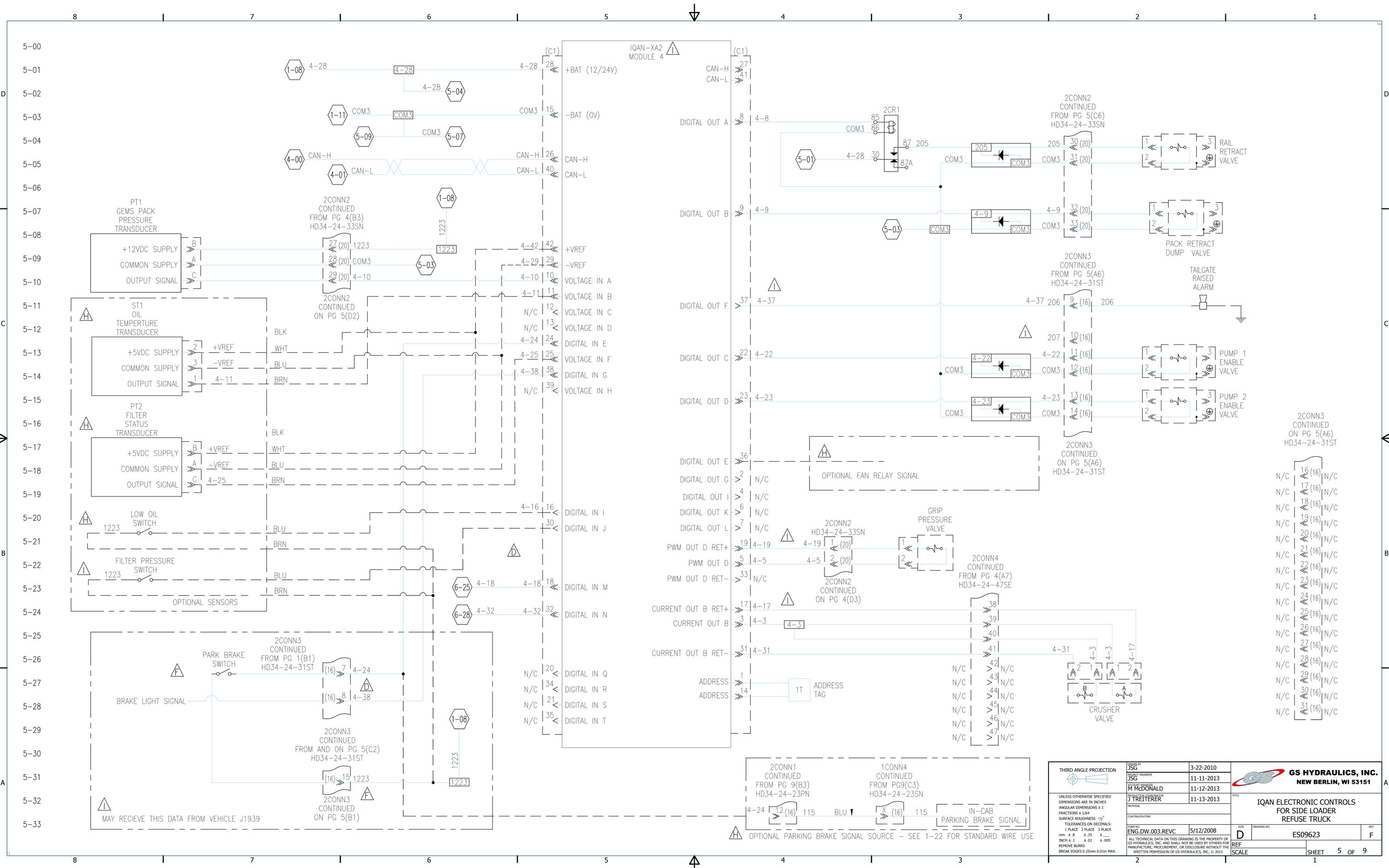
XIO2 J6

**RELAYS AND/OR SHUNTING
DIODES MAY BE NEEDED
ON OPTIONAL OUTPUTS**

THIRD ANGLE PROJECTION	DESIGNED BY	JSG	DATE	3-22-2010	<p>GS HYDRAULICS, INC. NEW BERLIN, WI 53151</p>	
	DRAWN BY	JSG	DATE	11-11-2013		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGULAR DIMENSIONS ± 1° FRACTIONS ± 1/64 SURFACE ROUGHNESS 125/ TOLERANCES ON DECIMALS: 1 PLACE 2 PLACE 3 PLACE mm ±.8 ±.25 ±.1 INCH ±.1 ±.01 ±.005 REMOVE BURRS BREAK EDGES 0.25mm 0.01in MAX.	ACCOUNT MANAGER	MCDONALD	DATE	11-12-2013	<p>IQAN ELECTRONIC CONTROLS FOR SIDE LOADER REFUSE TRUCK</p>	
	DATE	11-12-2013	SCALE	D		
FORM NO.	ENG.DW.003.REVC	DATE	5/12/2008	SIZE	ES09623	
<p>ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS HYDRAULICS, INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF GS HYDRAULICS, INC. © 2013</p>					REV	F
<p>SCALE</p>					SHEET	3 OF 9



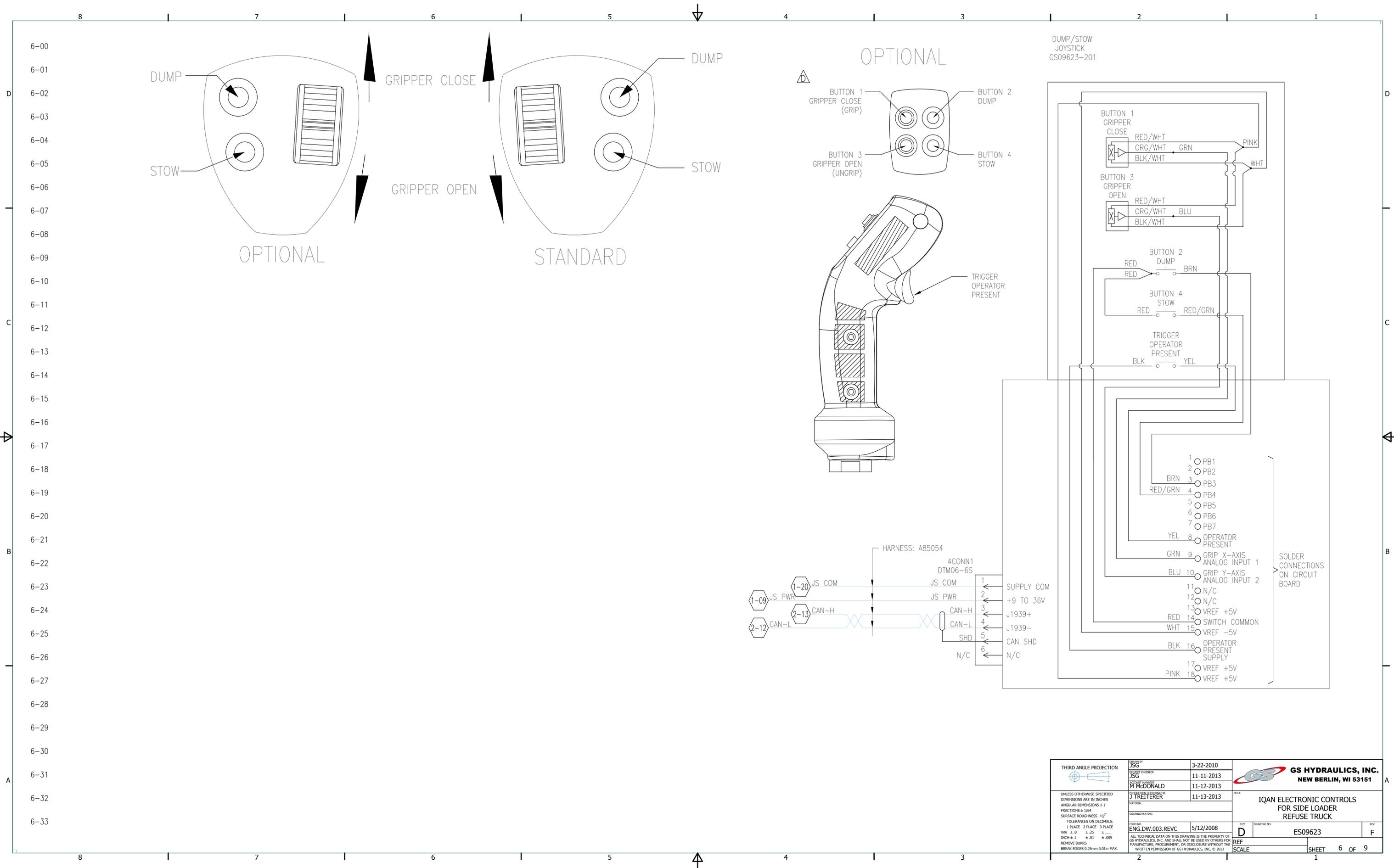
THIRD ANGLE PROJECTION	DESIGNED BY	JSG	DATE	3-22-2010
	CHECKED BY	JSG	DATE	11-11-2013
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	DESIGNED BY	TRITTEKER	DATE	11-13-2013
GS HYDRAULICS, INC. NEW BERLIN, WI 53151				
IQAN ELECTRONIC CONTROLS FOR SIDE LOADER REFUSE TRUCK				
FORM NO.	ENG.DW.003.REVC	5/12/2008	SIZE	D
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SCALE			SHEET	4 OF 9



THIRD ANGLE PROJECTION <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGULAR DIMENSIONS ± 1° FRACTIONS ± 1/64 SURFACE ROUGHNESS 125 TOLERANCES ON DECIMALS: 1 PLACE: 2 PLACE 3 PLACE mm ± .8 ± .25 ± .01 INCH ± .1 ± .01 ± .005 REMOVE BURRS BREAK EDGES 0.25mm 0.01in MAX.</small>	<small>DESIGNED BY</small> JSG <small>DATE</small> 3-22-2010	 GS HYDRAULICS, INC. <small>NEW BERLIN, WI 53151</small>	
	<small>ACCOUNT MANAGER</small> MCDONALD <small>DATE</small> 11-11-2013		<small>TITLE</small> IQAN ELECTRONIC CONTROLS FOR SIDE LOADER REFUSE TRUCK
	<small>DESIGNED BY</small> J. RETTERER <small>DATE</small> 11-13-2013		<small>SCALE</small> D
	<small>FORM NO.</small> ENG.DW.003.REVC <small>DATE</small> 5/12/2008		<small>REV</small> F
<small>FULL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS HYDRAULICS, INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF GS HYDRAULICS, INC. © 2013</small>		<small>SHEET</small> 5 OF 9	

2CONN1 CONTINUED FROM PG 9(B3) HD34-24-23PN
 1CONN4 CONTINUED FROM PG9(C3) HD34-24-23SN
 12 (16) 115 BLU
 115 (16) 115
 IN-CAB PARKING BRAKE SIGNAL
 OPTIONAL PARKING BRAKE SIGNAL SOURCE - SEE 1-22 FOR STANDARD WIRE USE

MAY RECEIVE THIS DATA FROM VEHICLE J1939

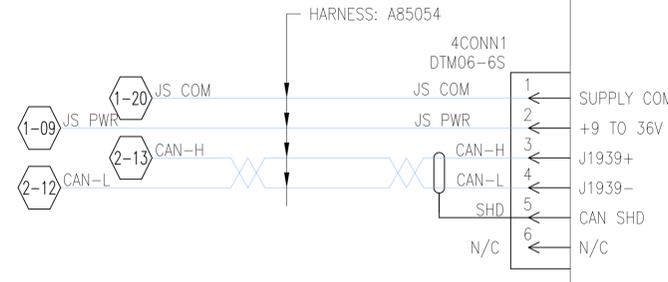
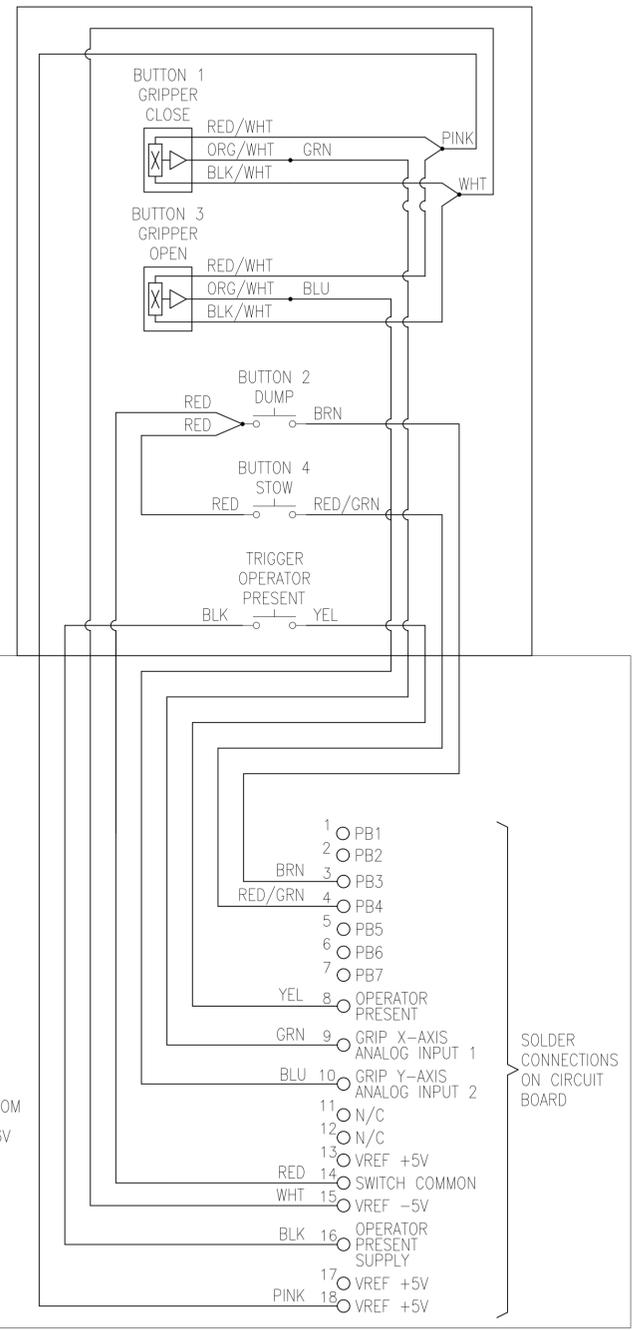


DUMP/STOW
JOYSTICK
GS09623-201

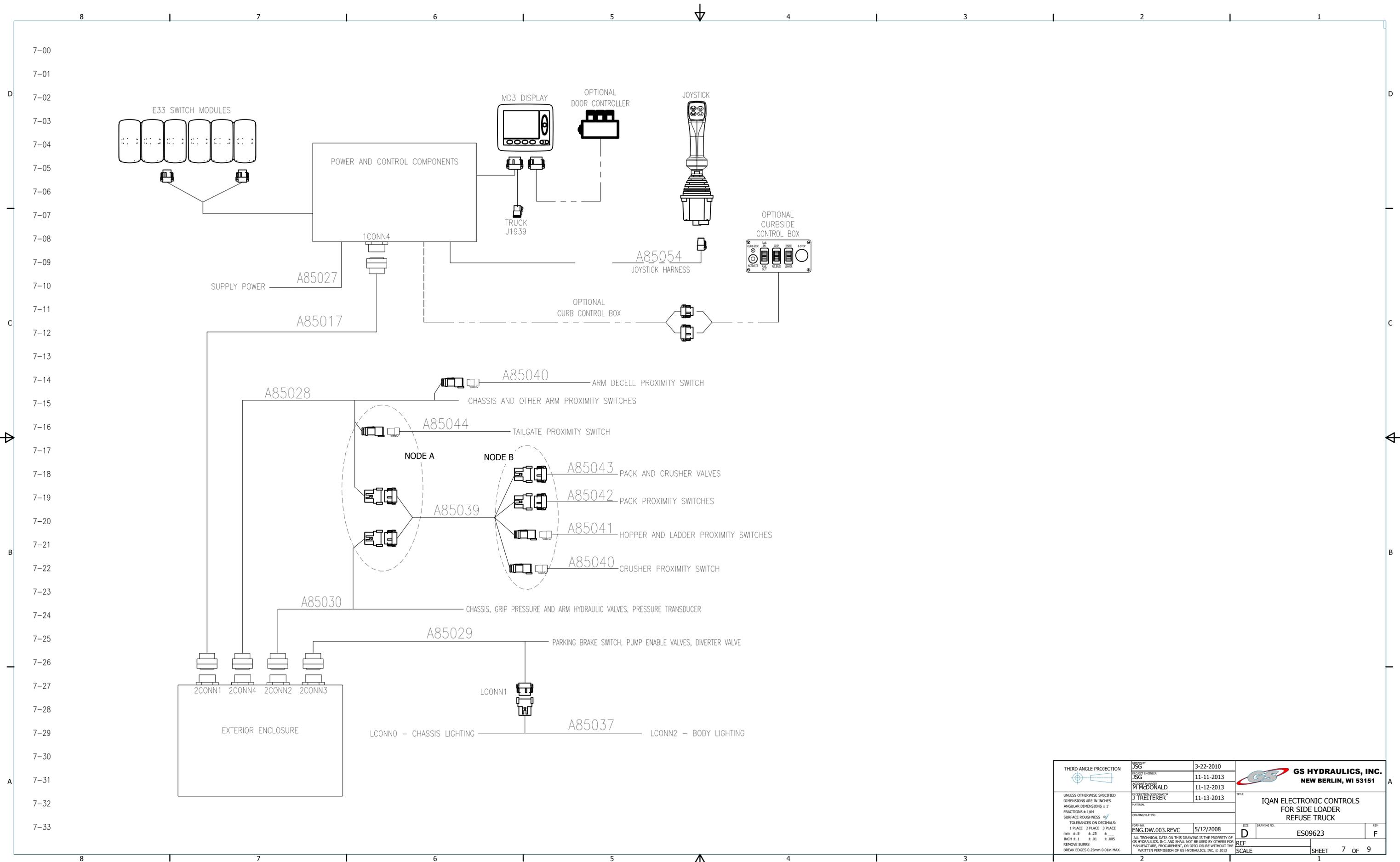
OPTIONAL

STANDARD

OPTIONAL



THIRD ANGLE PROJECTION	DESIGNED BY JSG	3-22-2010	<p>GS HYDRAULICS, INC. NEW BERLIN, WI 53151</p>
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	ACCOUNT MANAGER MCDONALD	11-12-2013	
	DESIGNED BY J. KREITERER	11-13-2013	
<p>IQAN ELECTRONIC CONTROLS FOR SIDE LOADER REFUSE TRUCK</p>		SIZE D	REV F
<p>FORM NO. ENG.DW.003.REVC 5/12/2008</p>		SCALE	SHEET 6 OF 9



THIRD ANGLE PROJECTION 	DESIGNED BY JSG DATE 3-22-2010	GS HYDRAULICS, INC. NEW BERLIN, WI 53151
	DRAWN BY JSG CHECKED BY MCDONALD DATE 11-11-2013	
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FORM NO. ENG.DW.003.REVC DATE 5/12/2008	SIZE D	DRAWING NO. ES09623
REF SCALE	SHEET 7 OF 9	REV F