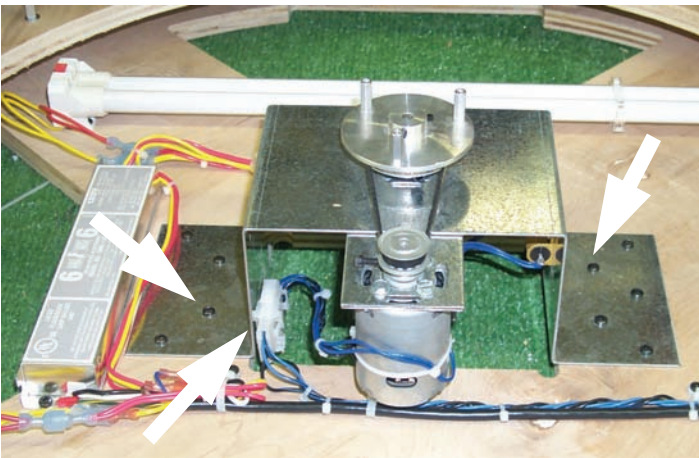


GAME REPAIR

2. Lift the cover up and remove the dome. (See dome replacement instructions)
3. Remove the wheel by unscrewing the 3 screws that hold it in place.



4. Remove the motor by unscrewing the screws that hold it in place.



5. Disconnect the plug on the motor from the motor harness.
6. Assemble in reverse order.

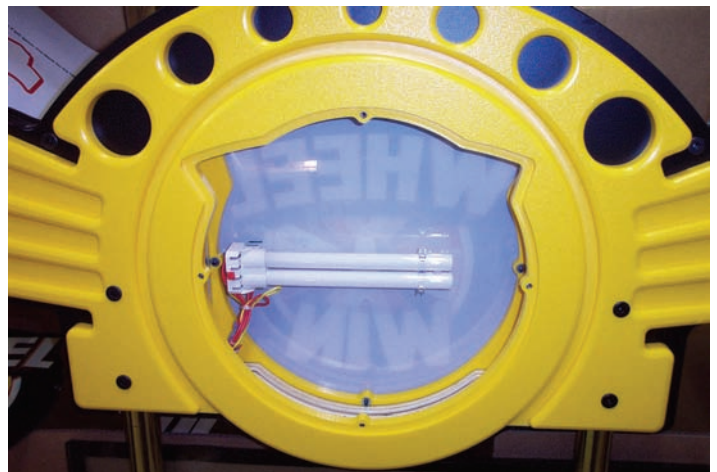
MARQUEE BULB SERVICE

To replace the PL-L fluorescent light bulb, follow the directions below.

1. Remove the 4 Allen head screws from the front of the Phillips head screws that hold the Marquee Cover in place.



2. Remove the clip that attaches the bulb. Remove the bulb from its socket by pressing the "red" button and lifting the light bulb out.



3. Replace the bulb and reattach the Marquee Cover.

GAME REPAIR

CREDITS / TICKETS OWED P.C. BOARD SERVICE

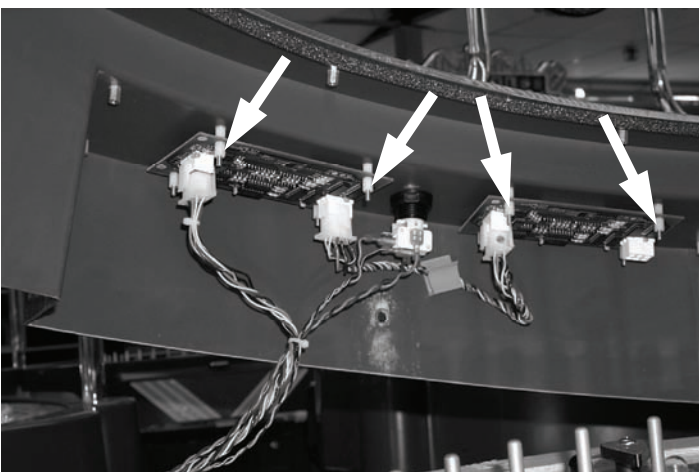
1. Remove the Allen bolts that hold the cover on to the cabinet.



2. Lift the cover up to access the Display P.C. Boards.



3. Unscrew and remove the boards for service.



4. Reassemble in reverse order.

DOMES REPLACEMENT

1. Remove the Allen head bolts that hold the cover to the cabinet.



2. Lift up the cover and remove the Dome.



3. Set the new dome onto the playfield centered evenly in the game.
4. Lower the cover and bolt into place.

**IF YOU HAVE ANY QUESTIONS OR
COMMENTS, PLEASE CONTACT OUR
SERVICE DEPARTMENT AT:**

716-759-0360

MON. THRU FRI. 8:30AM-6:00PM EST

PARTS LISTINGS

Parts denoted with * indicate available as part of a specially discounted spares kit.

ELECTRONIC / ELECTRICAL

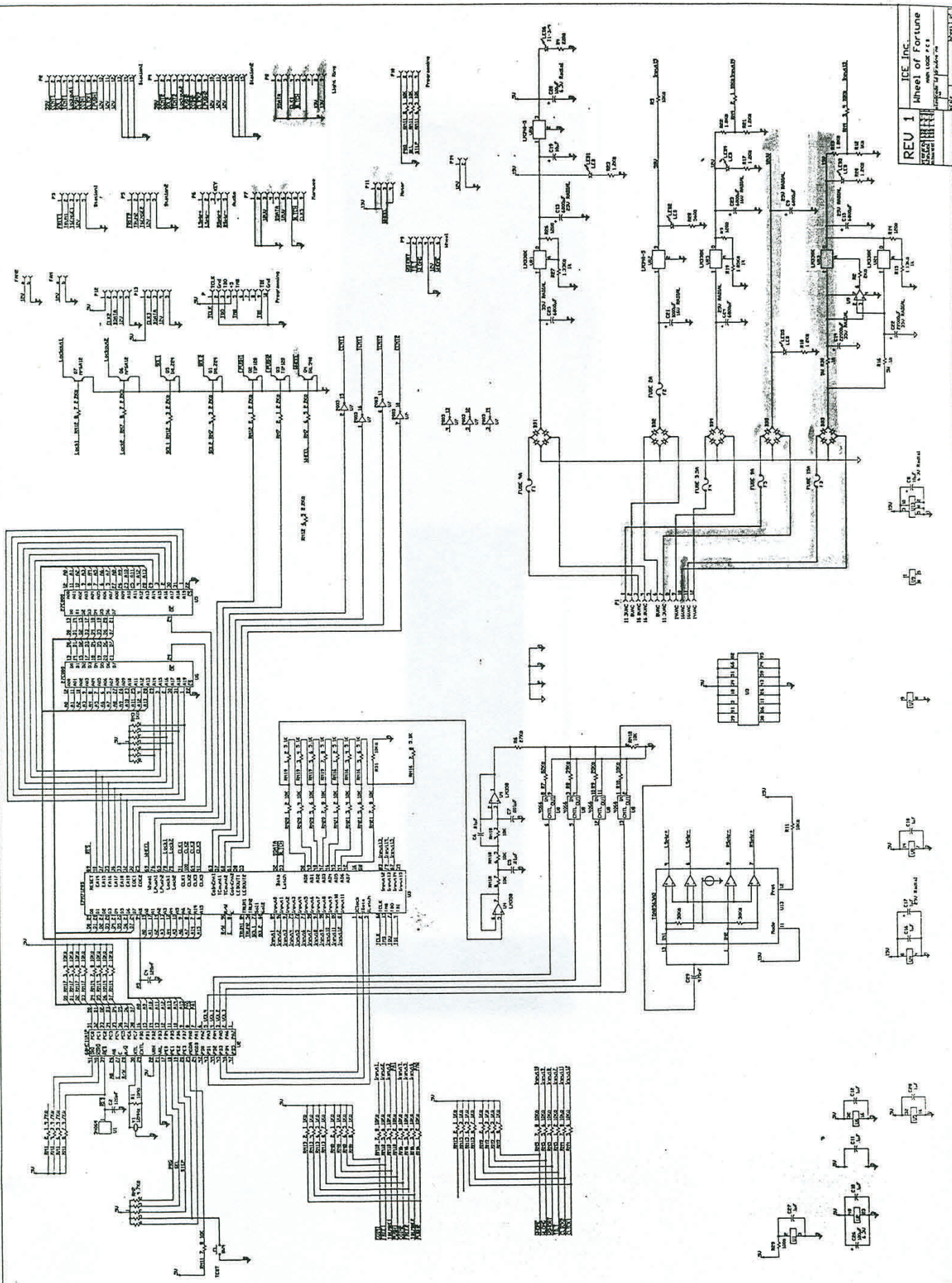
MECHANICAL PARTS

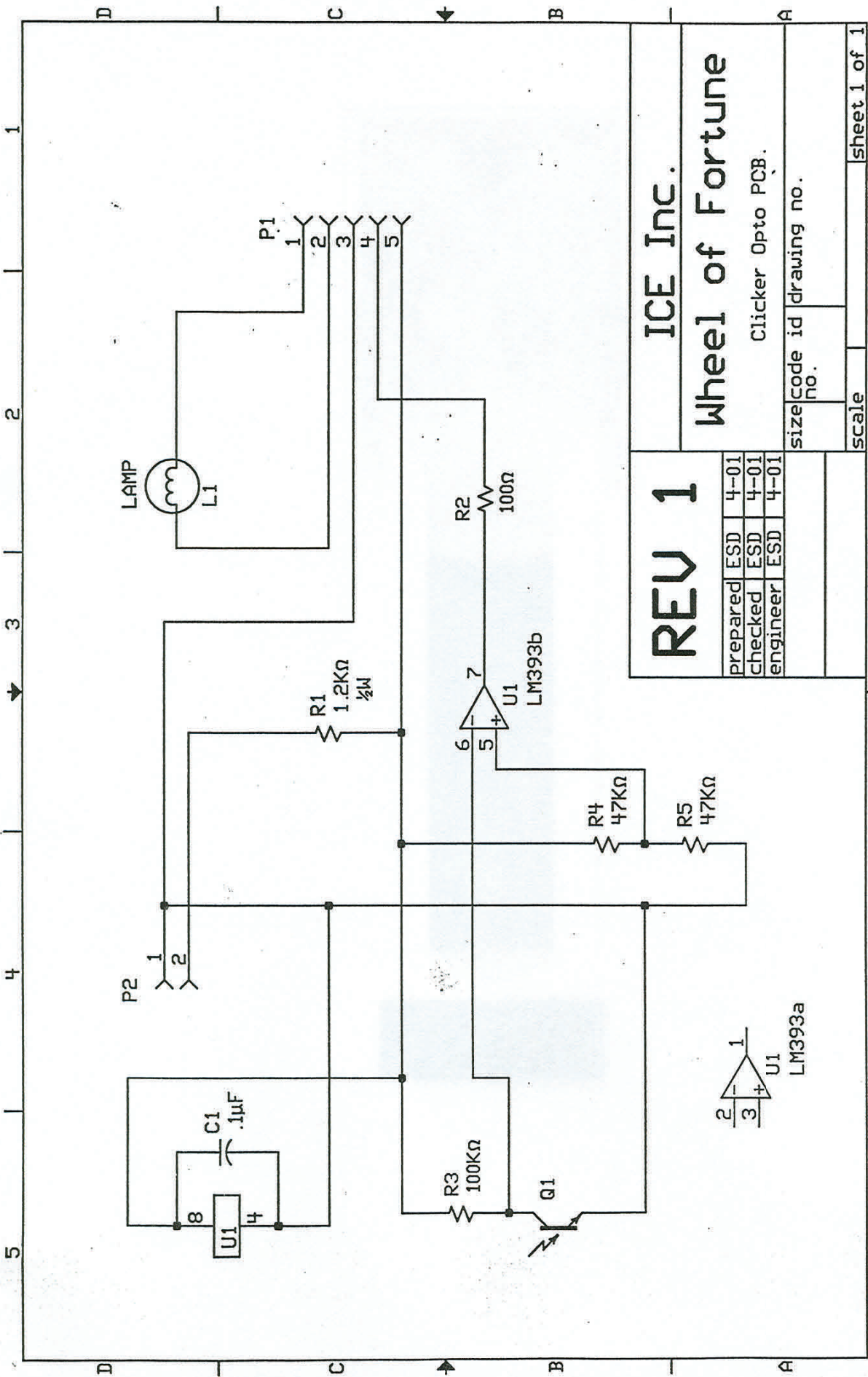
211	Low Ticket Micro Switch
BW250X	PLL Bulb Socket Assembly
FP1004	Leg Leveler Mounting Bracket
HR1019	Leveler Foot
1024	Ticket Bin
1026	Bracket, Low Ticket Switch Mounting
WF1050	Clicker Pole, Teflon Coated
WF1051	Wheel Hub
WF1052	Wheel Pin, 1"
WF1053	Wheel Pin, 1.5"
WF1054	Wheel Pin, 2"
WF1055	Wheel Pin, Non Extension
WF1056	Flag, Opto Beam Breaker
WF1060*	Clicker Spring
CG1068	Bushing, Bronze Oil Impregnated
HR2005	Large Round White Push Button
AR2007	Speaker, 6" x 9"
BW2017	PLL Bulb Retaining Clip
BW2018	PLL Bulb Support
2027	Fan, DC 12 Volt
CC2027	Power Cord, 20ft.
WF2007X	Power Module
2364G	Fan Guard
WF3004*	Clicker (Pointer)
WW3001	Control Panel (Red)
WW3002	Marquee Housing
WF3024X	Dome Assembly, with tape
HH5005	Ticket Dispenser
5101X	Mech Holder Assembly
WF6001X*	Parts Package
6321	3/8" E-Clip
8312*	Bulb, PL-L 40W/41/RS/IS Fluorescent
WF9010	Cover, Clicker Sensor (Black Card)
WF1018	Bracket, Clicker
WF1018AX	Assembly, Player Clicker 1

WF2002X	Transformer
2008*	Solenoid, Spring Tensioner
WF2008X*	Motor Assembly
WF2034X	Main P.C. Board
WF2038X*	Clicker Position P.C. Board., Large
WF2039X*	Clicker Position P.C. Board, Small
WF2040X*	Wheel Position P.C. Board, Outer
WF2041X*	Wheel Position P.C. Board, Inner
2110	TIP 122 Transistor
2117	IC, 74hc14
2305	IC, 74hc273
CC2032X*	Tickets Owed Display P.C. Board
CC2035X*	Light Ring Board (Banana Board)
CS8449X	Workhorse 6 Ballast, (WH3-120-L)
2295	Fuse, MDQ6 (6 Amp Slo Blo)
2315	Fuse, MDQ3 (3 Amp Slo Blo)
HH2048F	Fuse, MDQ4 (4 Amp Slo Blo)

DECALS AND GRAPHICS

WW7001	Side Panel Decal
WW7002	Center Wheel (sold w / WW7013)
WW7003	Control Panel - Front Decal
WW7004	Decal - Button
WF7005	Instruction Plate Decal
WF7006	Ticket Arrow Decal
WW7012	Control Panel
WW7013	Outer Ring (sold w / WW7002)
WW7027	Marquee Panel
WW9001	Service Manual

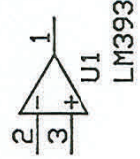




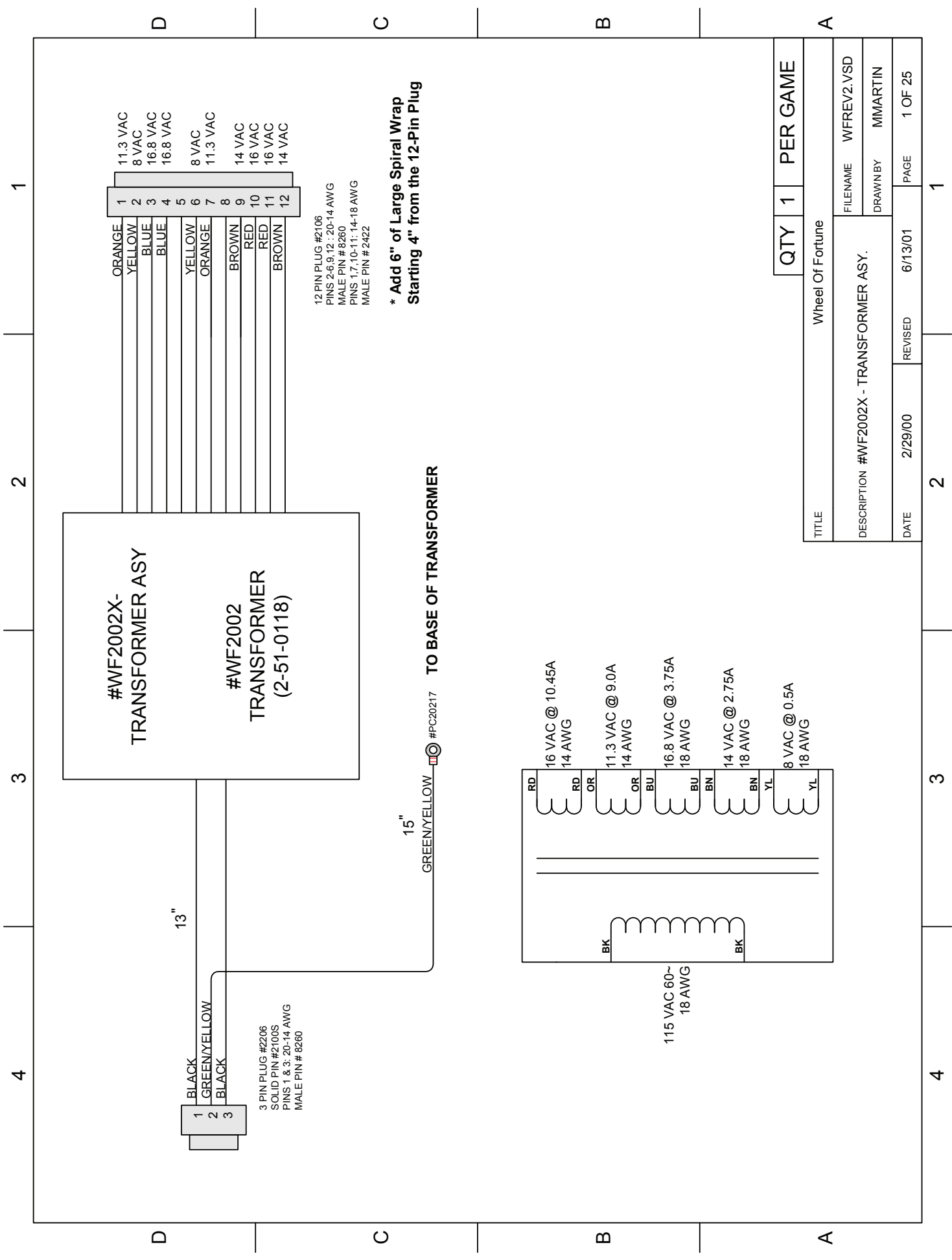
prepared	ESD	4-01
checked	ESD	4-01
engineer	ESD	4-01

REV 1
ICE Inc.
Wheel of Fortune
 Clicker Opto PCB.

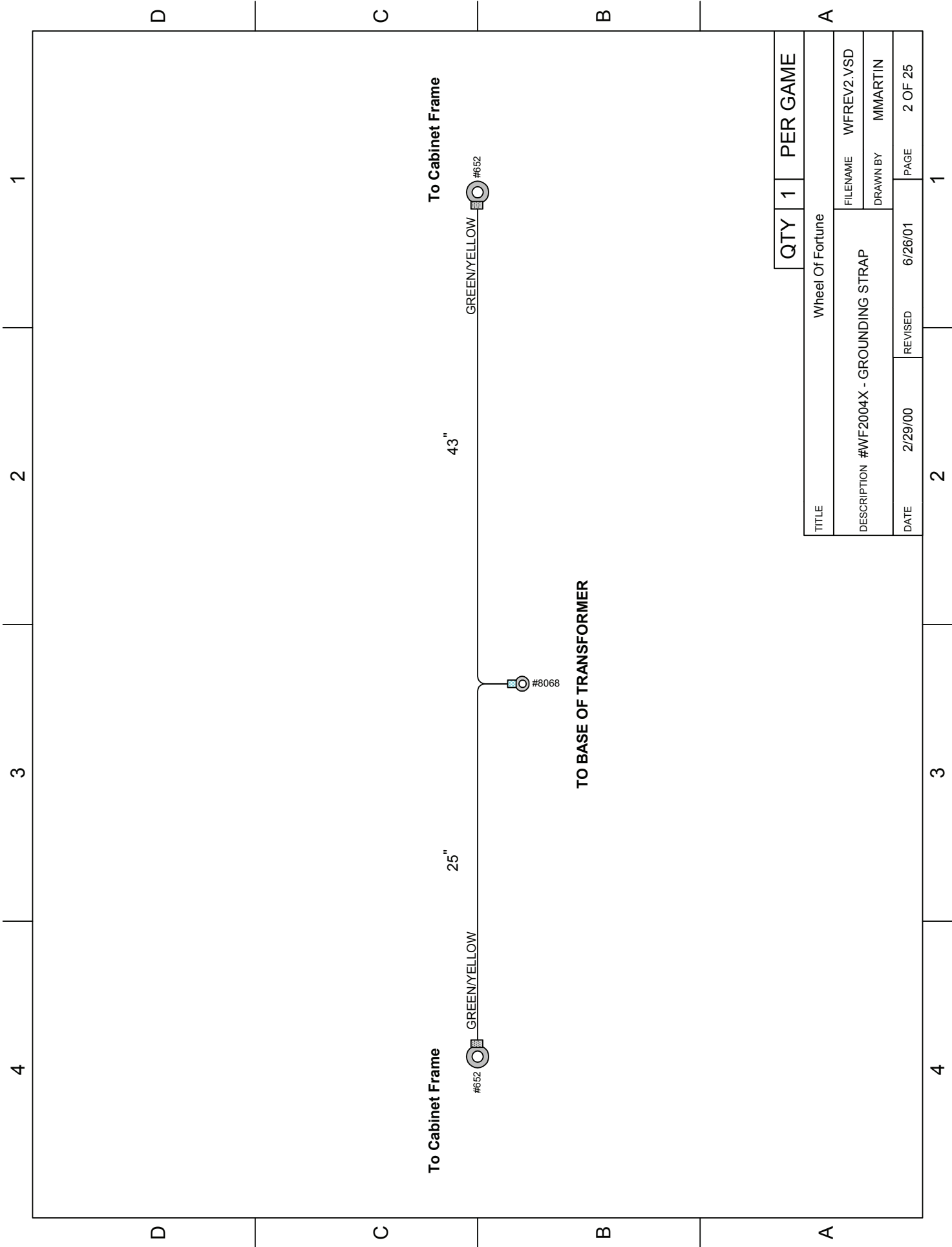
size code id drawing no.
 scale
 sheet 1 of 1



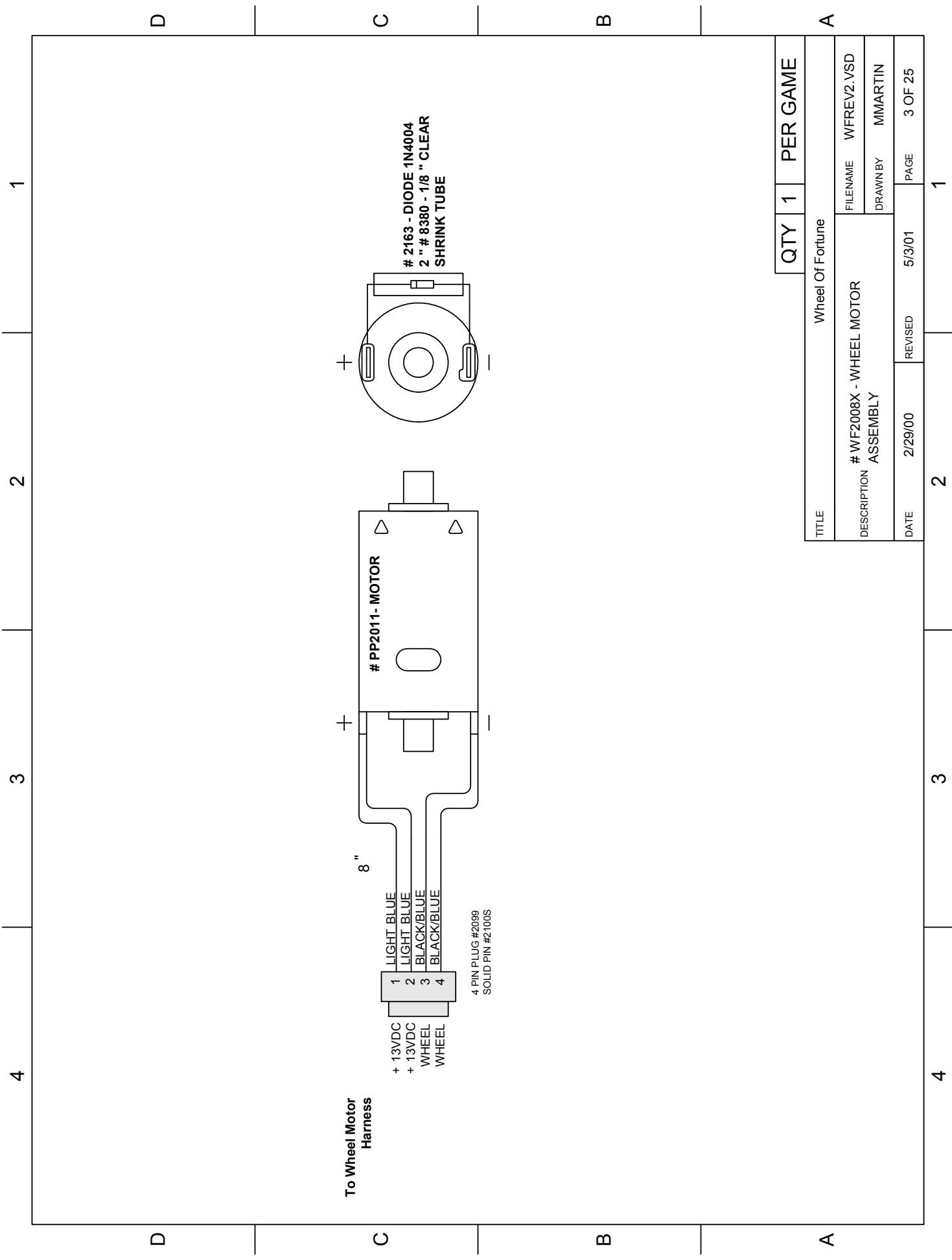
LM393a



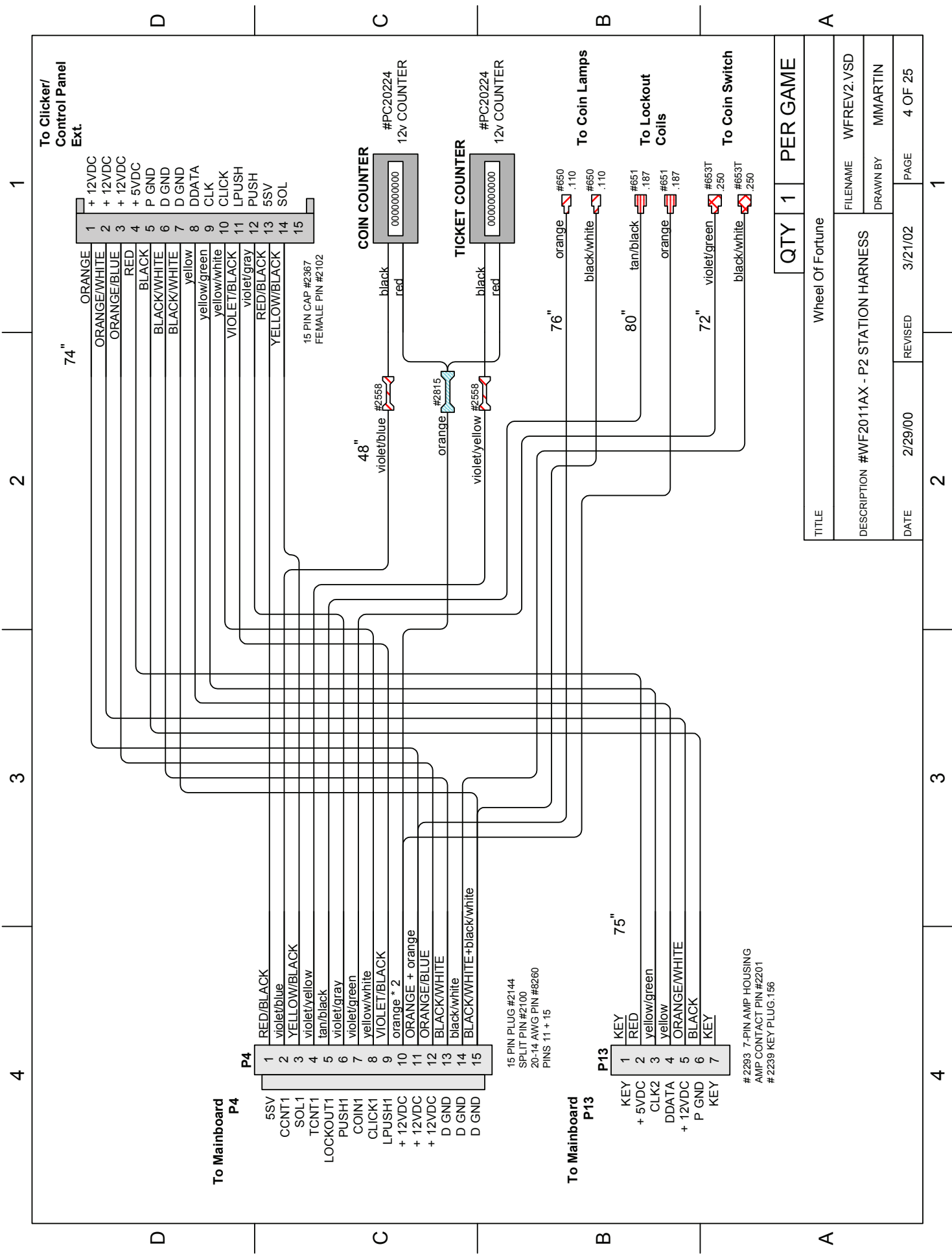
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Wheel Of Fortune				
DESCRIPTION #WF2002X - TRANSFORMER ASY.		FILENAME WFEV2.VSD		
DATE 2/29/00		DRAWN BY MMARTIN		PAGE 1 OF 25
REVISED 6/13/01				



QTY		1	PER GAME
Wheel Of Fortune			
TITLE		FILENAME	WFREV2.VSD
DESCRIPTION #WF2004X - GROUNDING STRAP		DRAWN BY	MMARTIN
DATE	2/29/00	REVISED	6/26/01
		PAGE	2 OF 25



QTY		1	PER GAME
Wheel Of Fortune			
TITLE			
DESCRIPTION # WF2008X - WHEEL MOTOR ASSEMBLY		FILENAME	WFREV2.VSD
		DRAWN BY	MMARTIN
DATE	2/29/00	REVISED	5/3/01
		PAGE	3 OF 25



To Clicker/
Control Panel
Ext.

- 1 ORANGE
- 2 + 12VDC
- 3 ORANGE/WHITE
- 4 + 12VDC
- 5 ORANGE/BLUE
- 6 + 5VDC
- 7 P GND
- 8 D GND
- 9 D GND
- 10 D GND
- 11 DDATA
- 12 CLK
- 13 LPUSH
- 14 PUSH
- 15 5SV
- 16 SOL

COIN COUNTER

#PC20224
12V COUNTER

TICKET COUNTER

#PC20224
12V COUNTER

To Coin Lamps

To Lockout
Coils

To Coin Switch

To Mainboard
P4

- 1 RED/BLACK
- 2 violet/blue
- 3 YELLOW/BLACK
- 4 violet/yellow
- 5 tan/black
- 6 violet/gray
- 7 violet/green
- 8 yellow/white
- 9 VIOLET/BLACK
- 10 orange * 2
- 11 ORANGE + orange
- 12 ORANGE/BLUE
- 13 BLACK/WHITE
- 14 black/white
- 15 BLACK/WHITE+black/white

15 PIN PLUG #2144
SPLIT PIN #2100
20-14 AWG PIN #8260
PINS 11 + 15

To Mainboard
P13

- 1 KEY
- 2 RED
- 3 yellow/green
- 4 yellow
- 5 ORANGE/WHITE
- 6 BLACK
- 7 KEY

2293 7-PIN AMP HOUSING
AMP CONTACT PIN #2201
2239 KEY PLUG.156

QTY 1

PER GAME

Wheel Of Fortune

FILENAME WFEV2.VSD

DRAWN BY MMARTIN

DESCRIPTION #WF2011AX - P2 STATION HARNESS

DATE 2/29/00

REVISED 3/21/02

PAGE 4 OF 25

TITLE

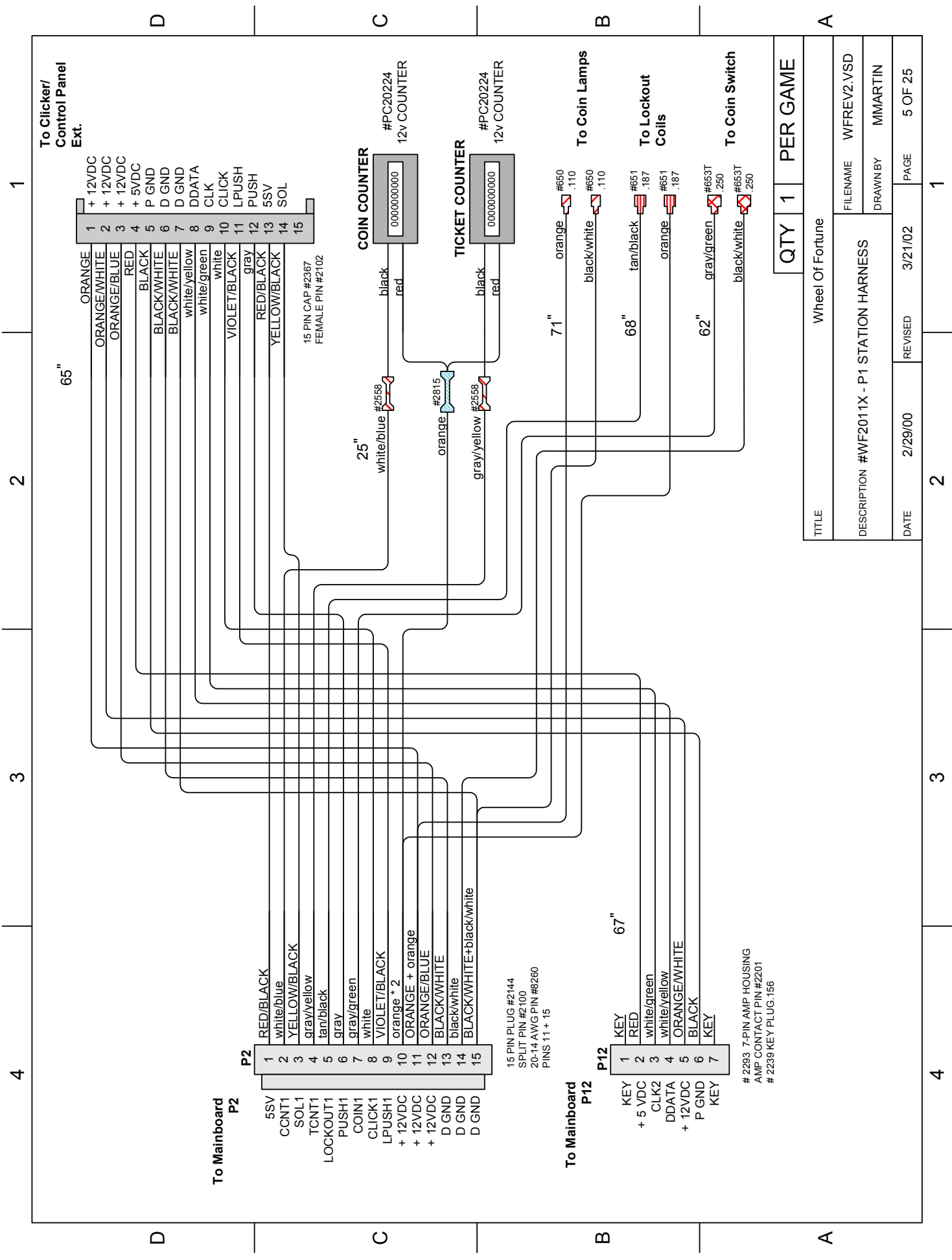
1

1

2

3

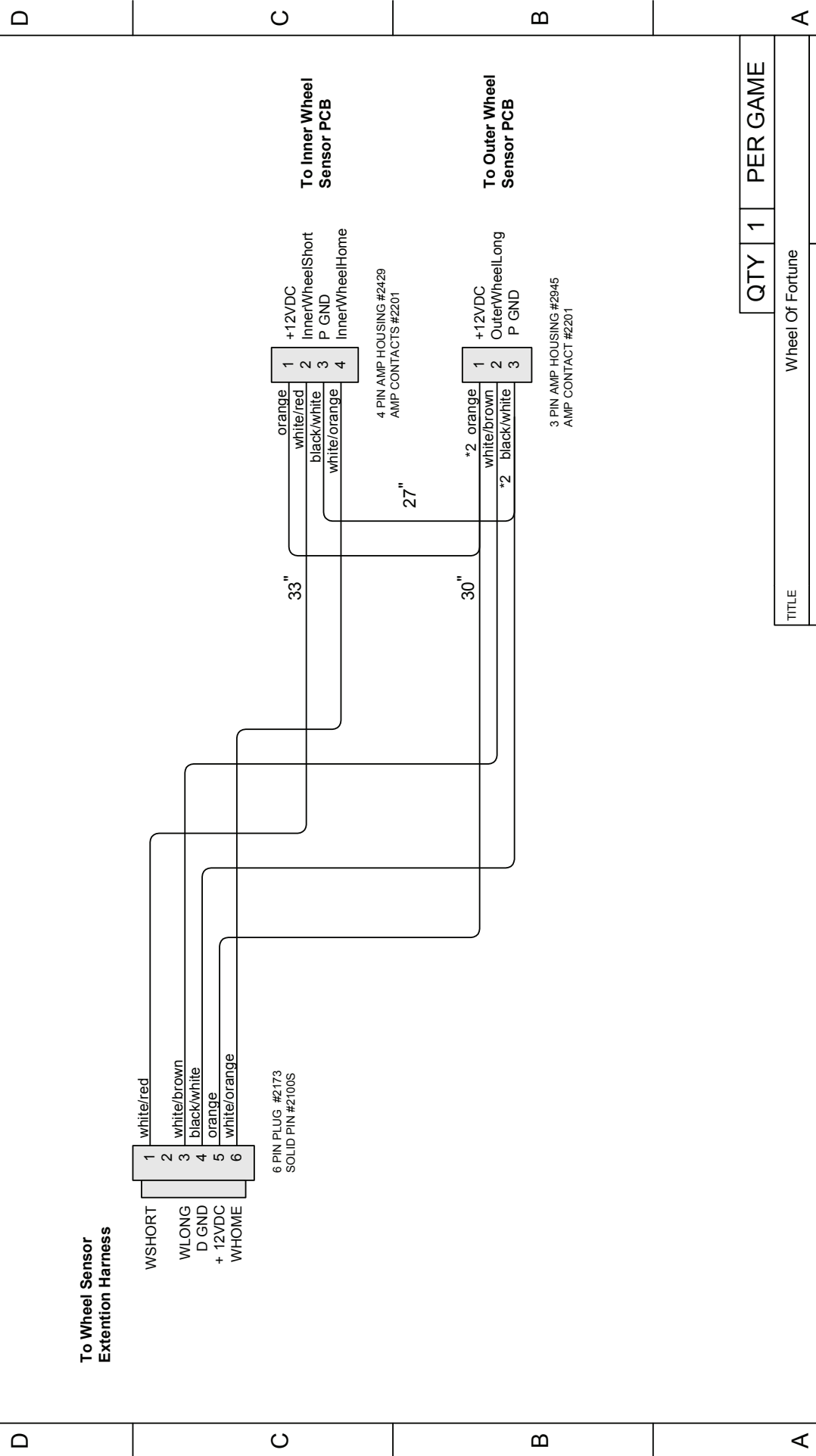
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DATE		2/29/00	REVISED
FILENAME		WFREV2.VSD	
DRAWN BY		MMARTIN	
PAGE		5 OF 25	

QTY	1	PER GAME
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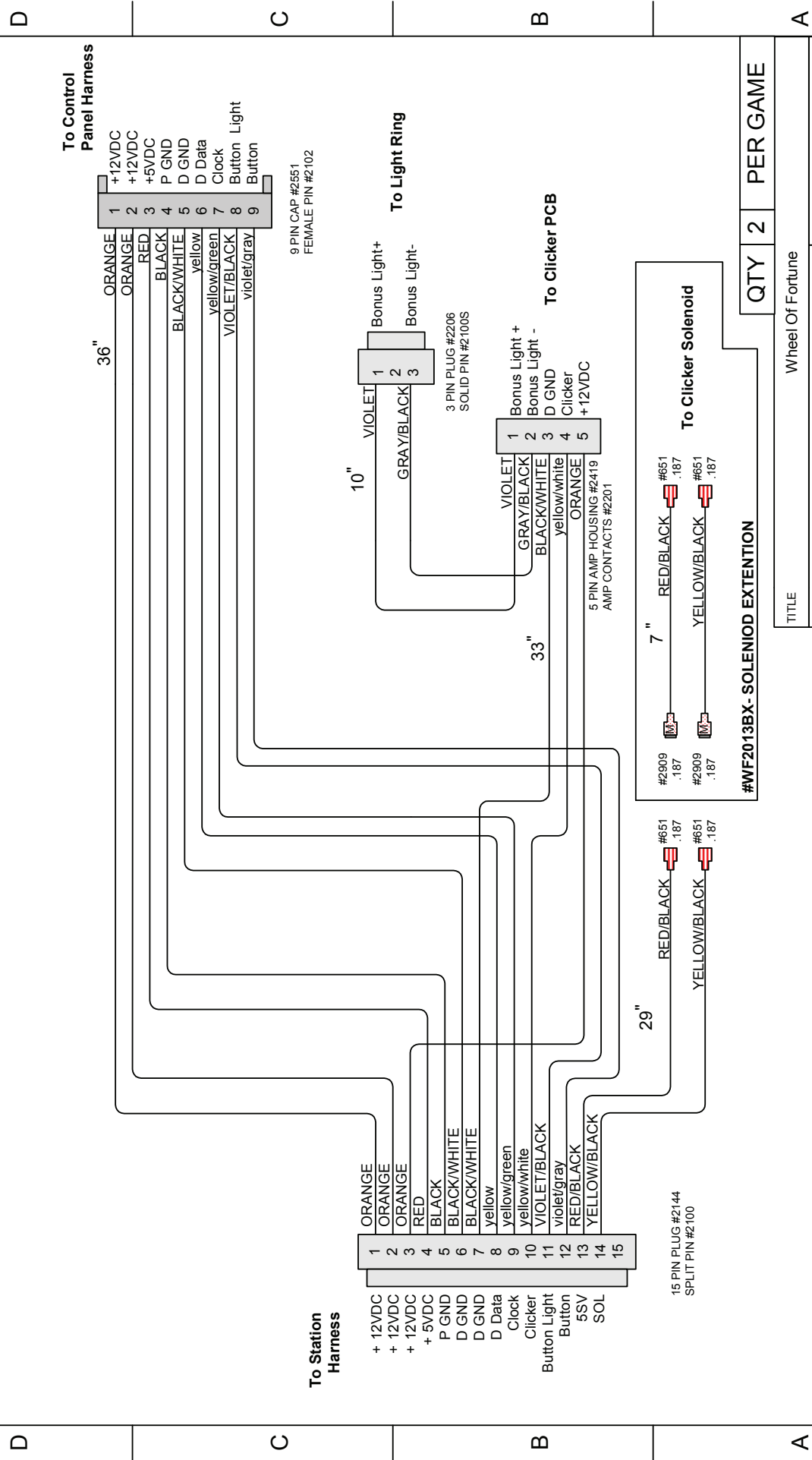
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DATE		DRAWN BY	MMARTIN	
REVISED		6/13/01	PAGE	6 OF 25

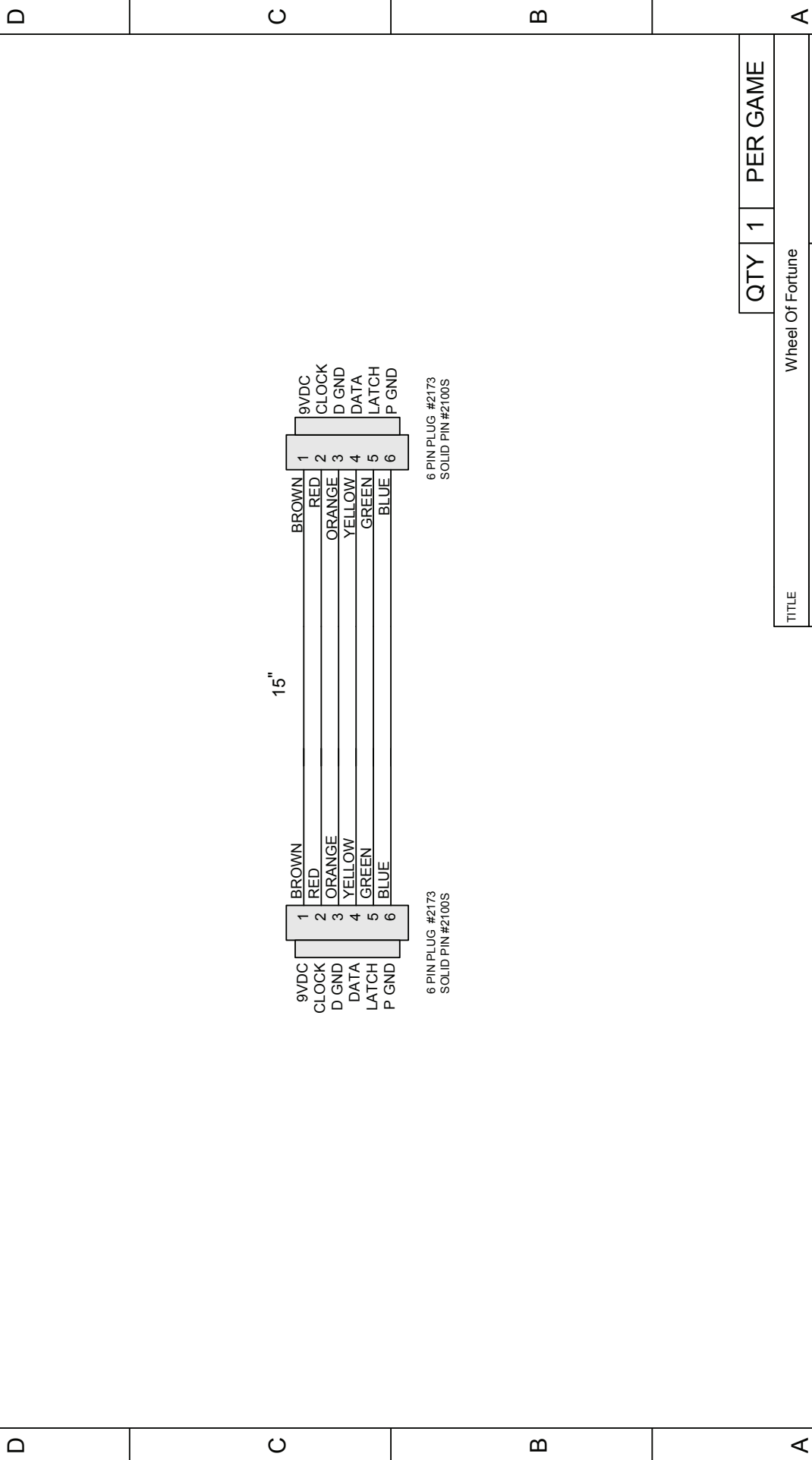
4 3 2 1

4 3 2 1



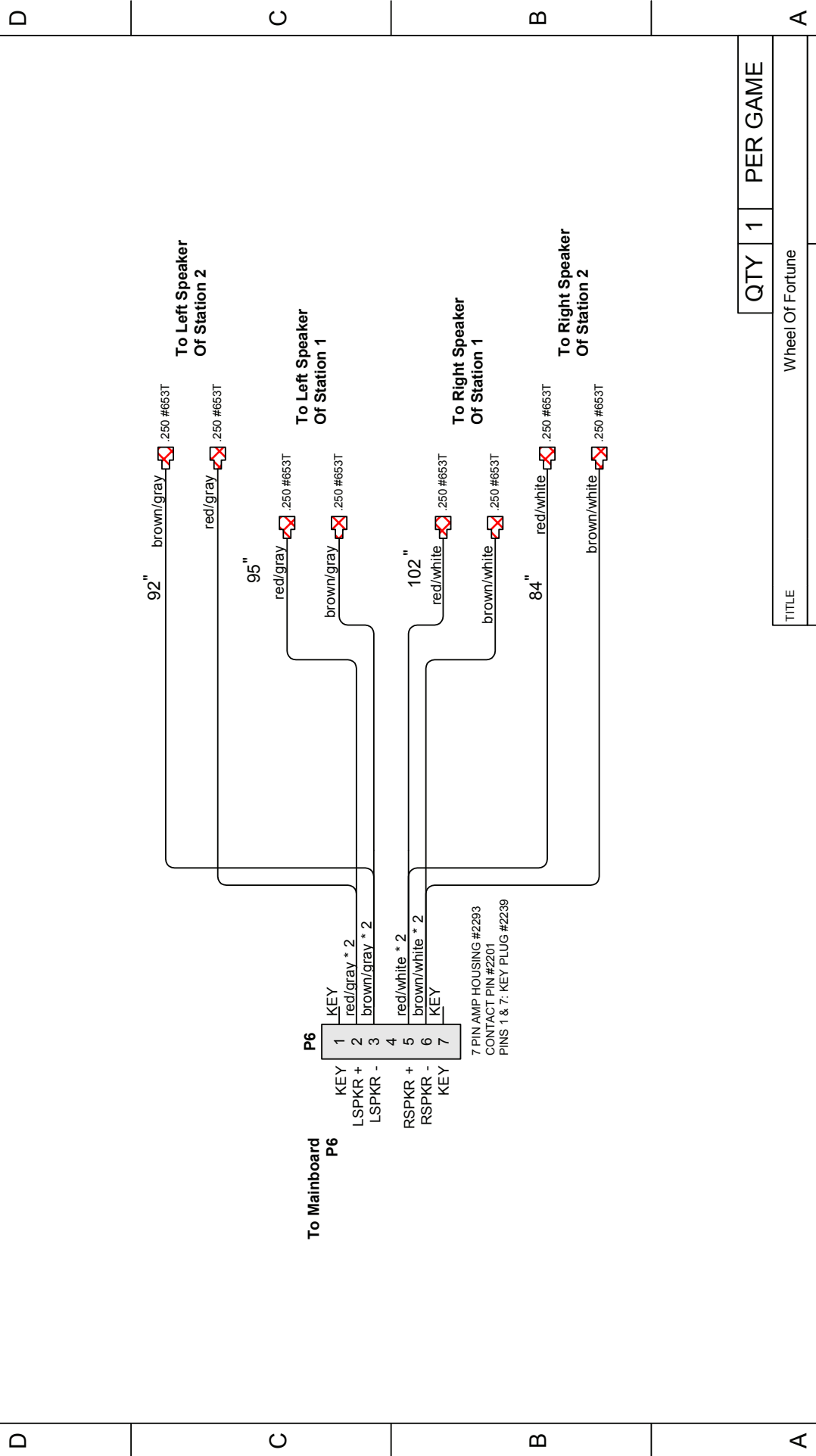
A			
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DESCRIPTION		DRAWN BY	MMARTIN
DATE	2/29/00	REVISED	6/13/01
QTY		2	PER GAME
1			
2			
3			
4			
7 OF 25			

4 3 2 1



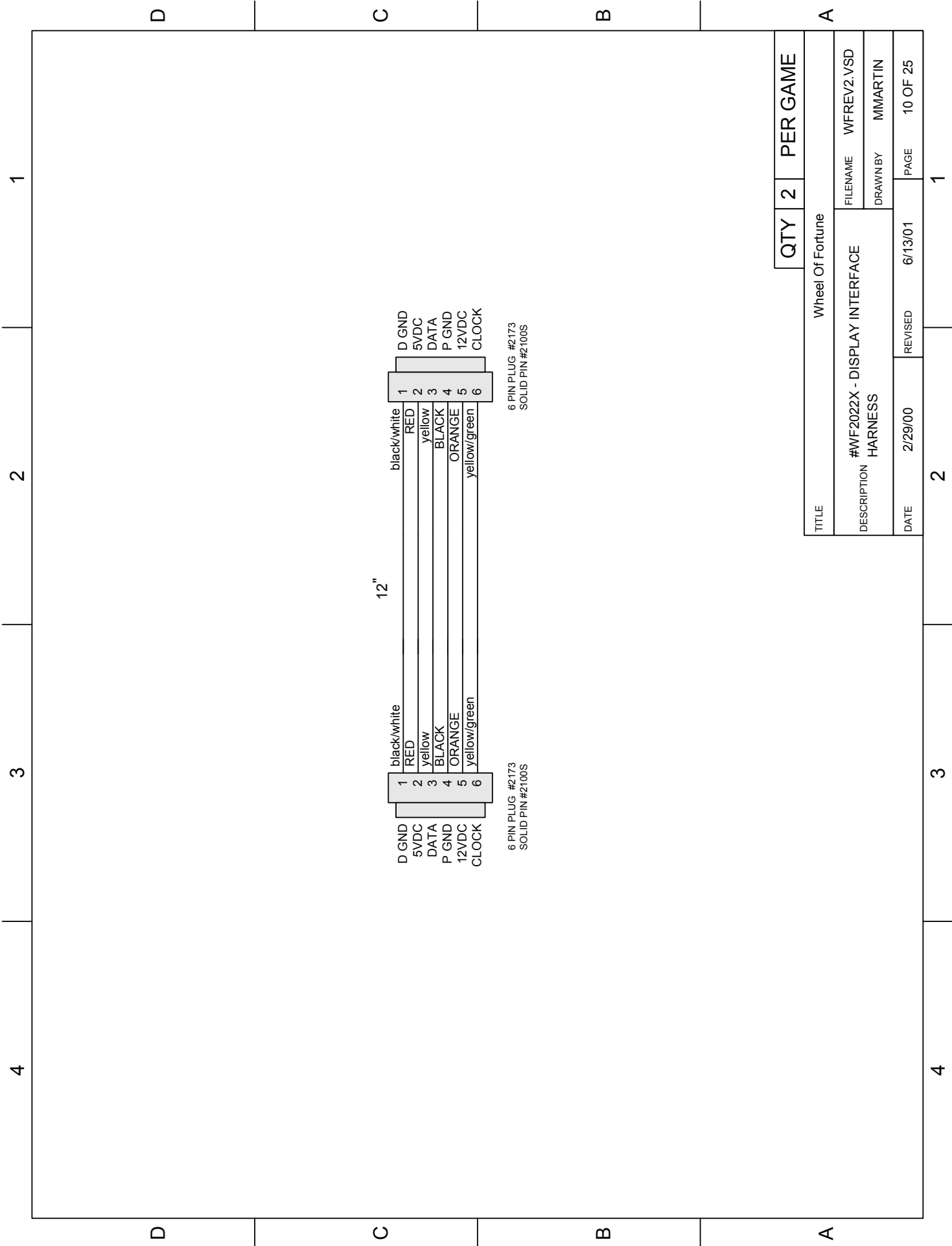
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DATE		DRAWN BY	MMARTIN
2/29/00		REVISED	5/3/01
2		PAGE	8 OF 25
3		1	

4 3 2 1

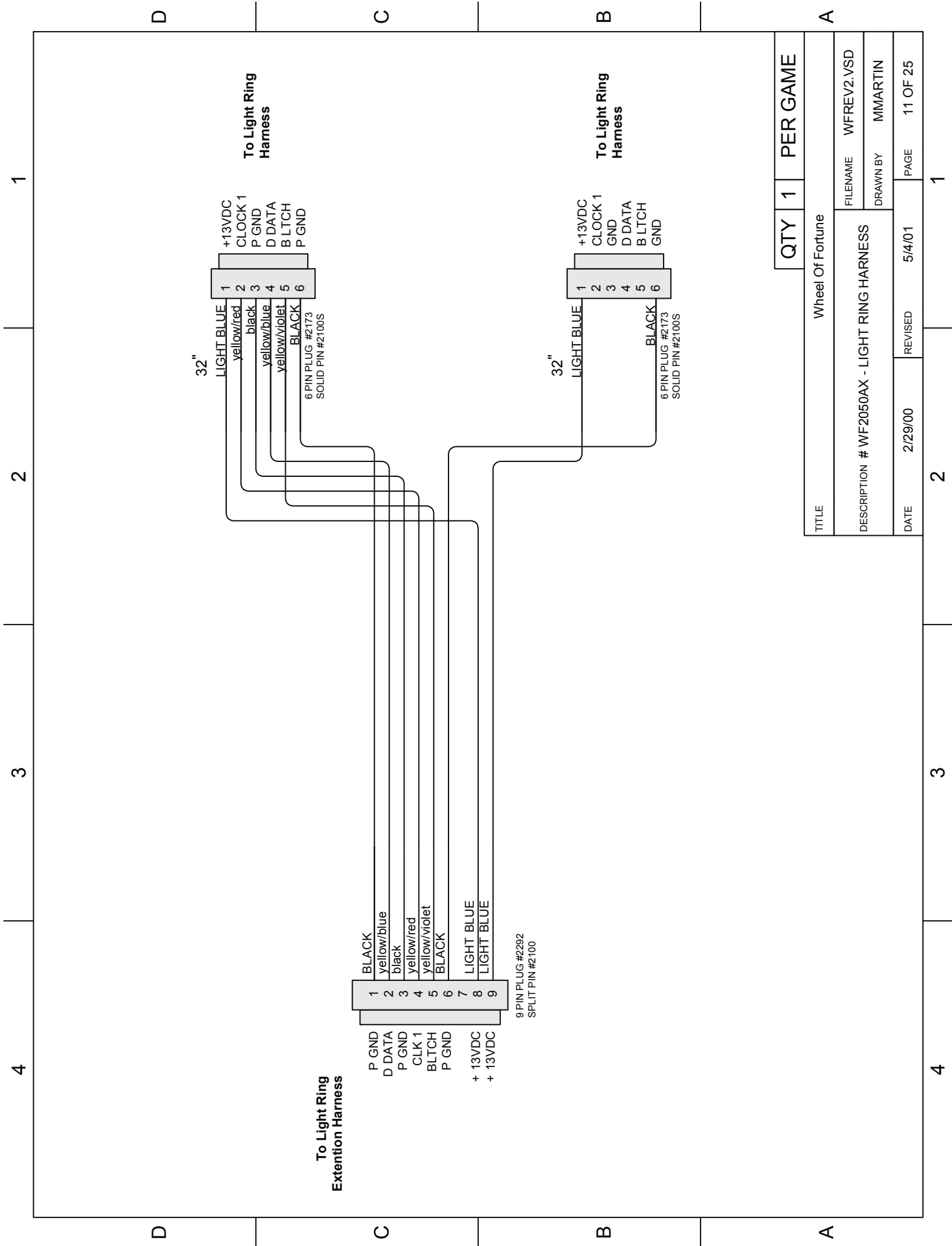


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DATE	2/29/00	REVISED	10/11/01
		PAGE	9 OF 25

4 3 2 1

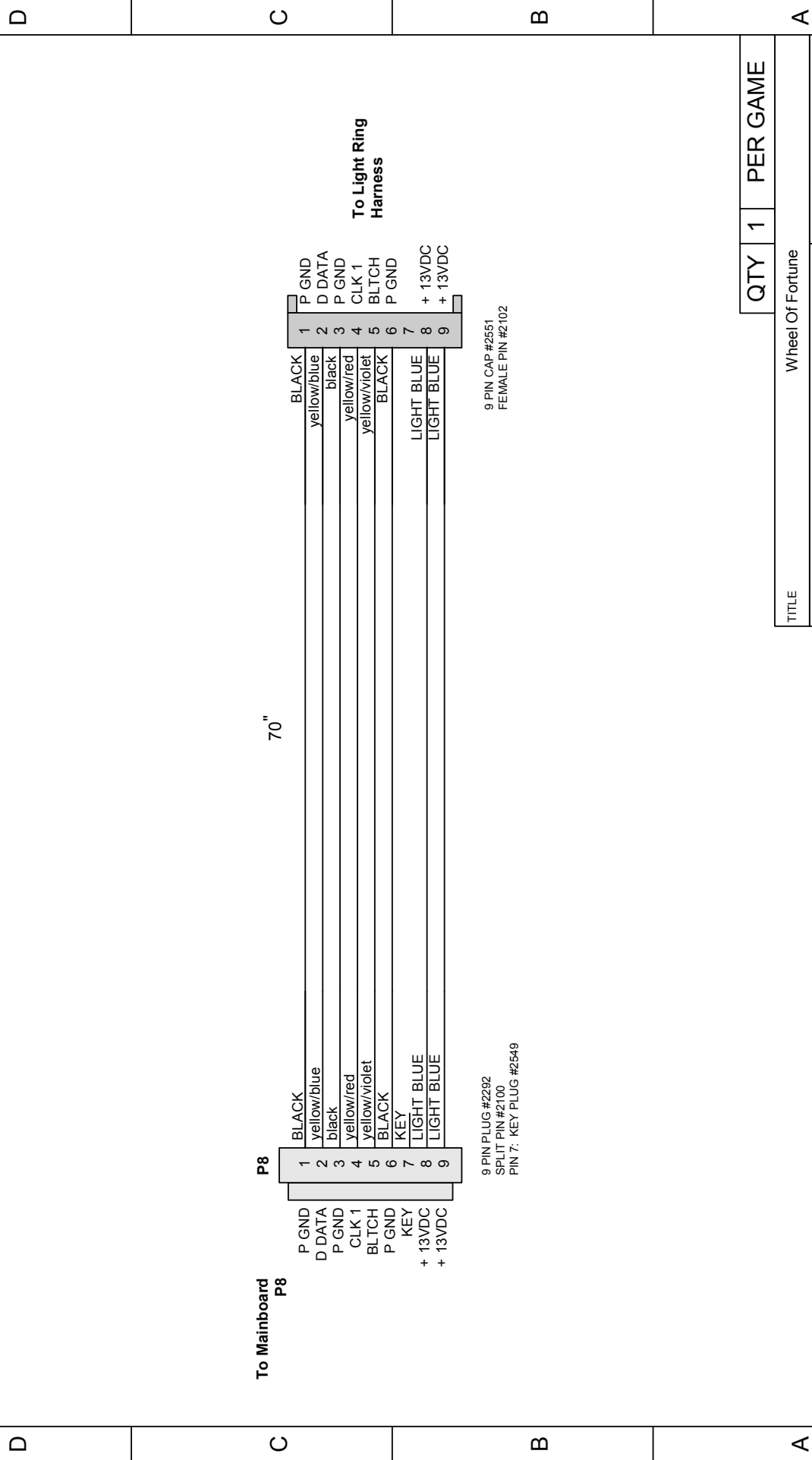


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TITLE		A	
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HARNESS		DRAWN BY	MMARTIN
DATE	2/29/00	REVISED	6/13/01
		PAGE	10 OF 25

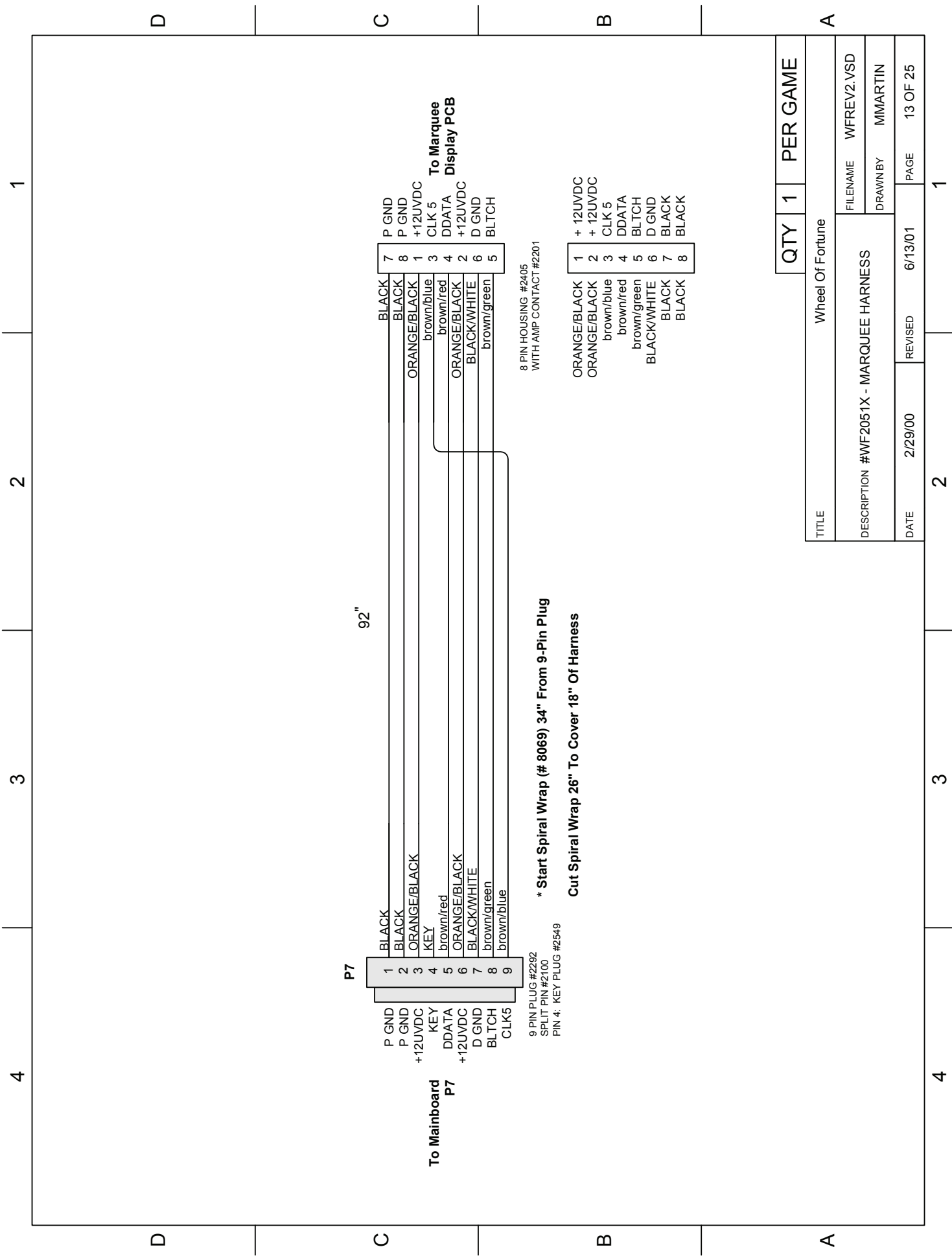


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FILENAME		WFREV2.VSD		
DRAWN BY		MMARTIN		
DATE		2/29/00	REVISED	5/4/01
PAGE		11 OF 25		

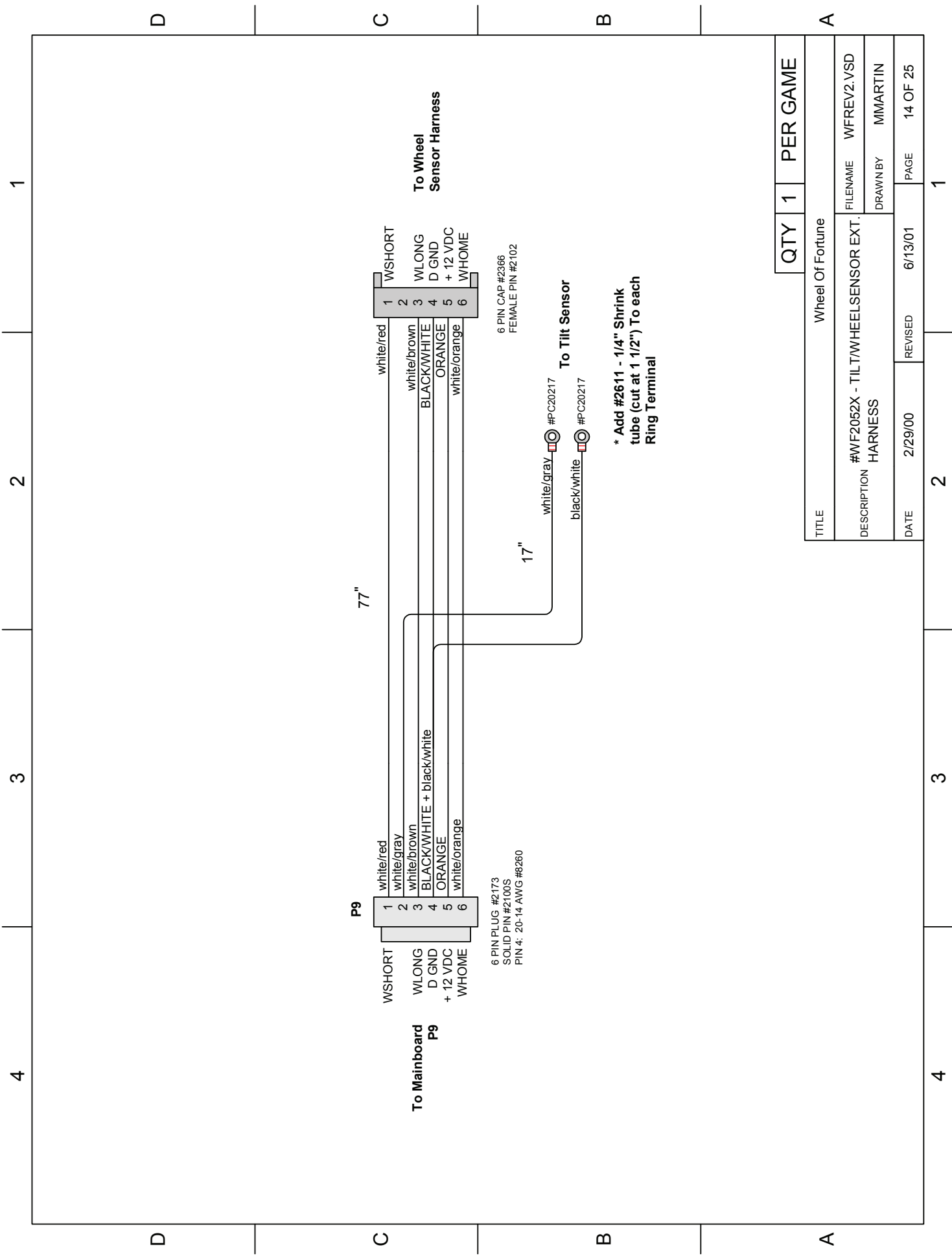
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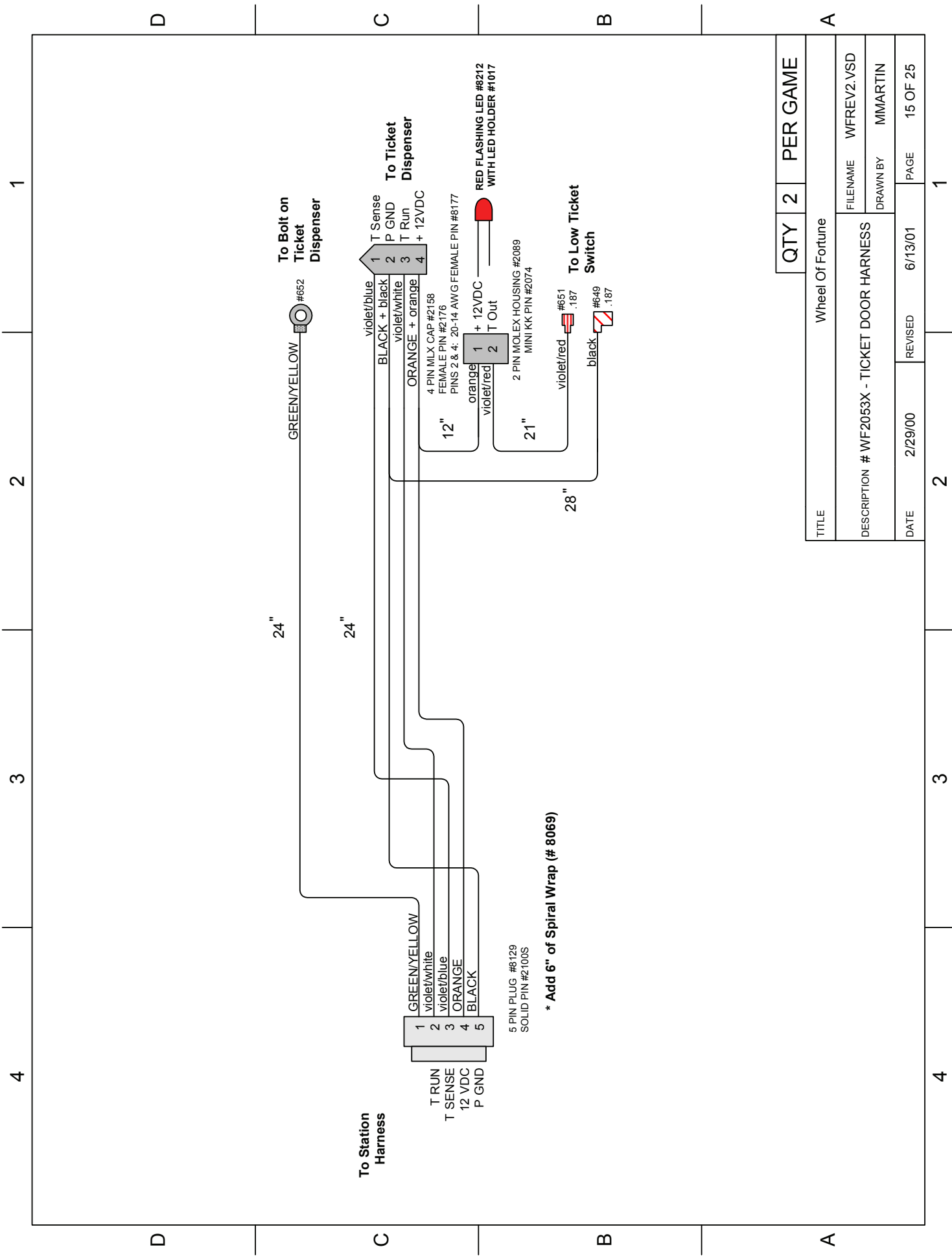
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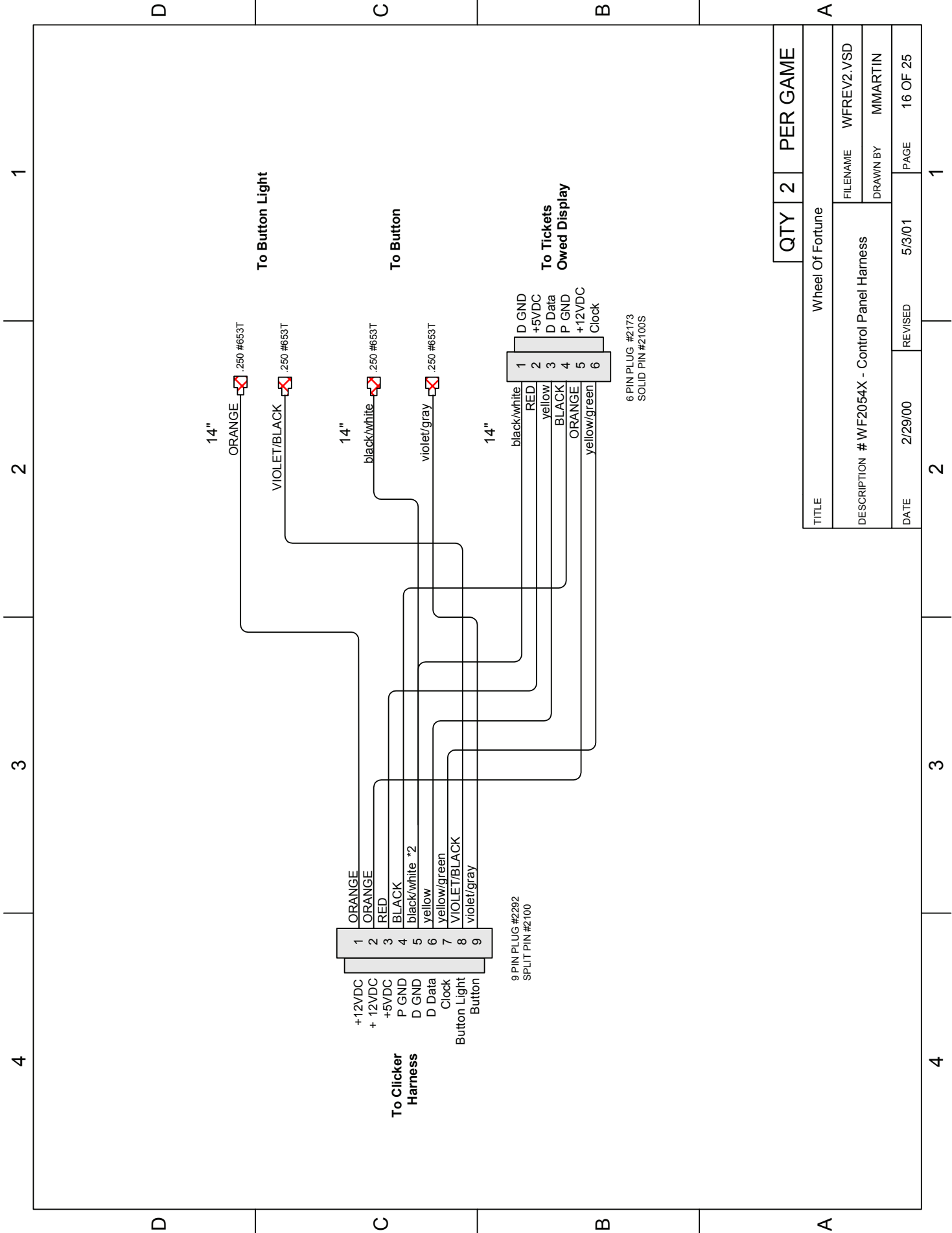
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FILENAME		WFREV2.VSD	
DRAWN BY		MMARTIN	
DATE	2/29/00	REVISED	6/13/01
		PAGE	13 OF 25



QTY		1	PER GAME
Wheel Of Fortune			
TITLE		Wheel Of Fortune	
DESCRIPTION		FILENAME	WFREV2.VSD
		DRAWN BY	MMARTIN
DATE	2/29/00	REVISED	6/13/01
		PAGE	14 OF 25

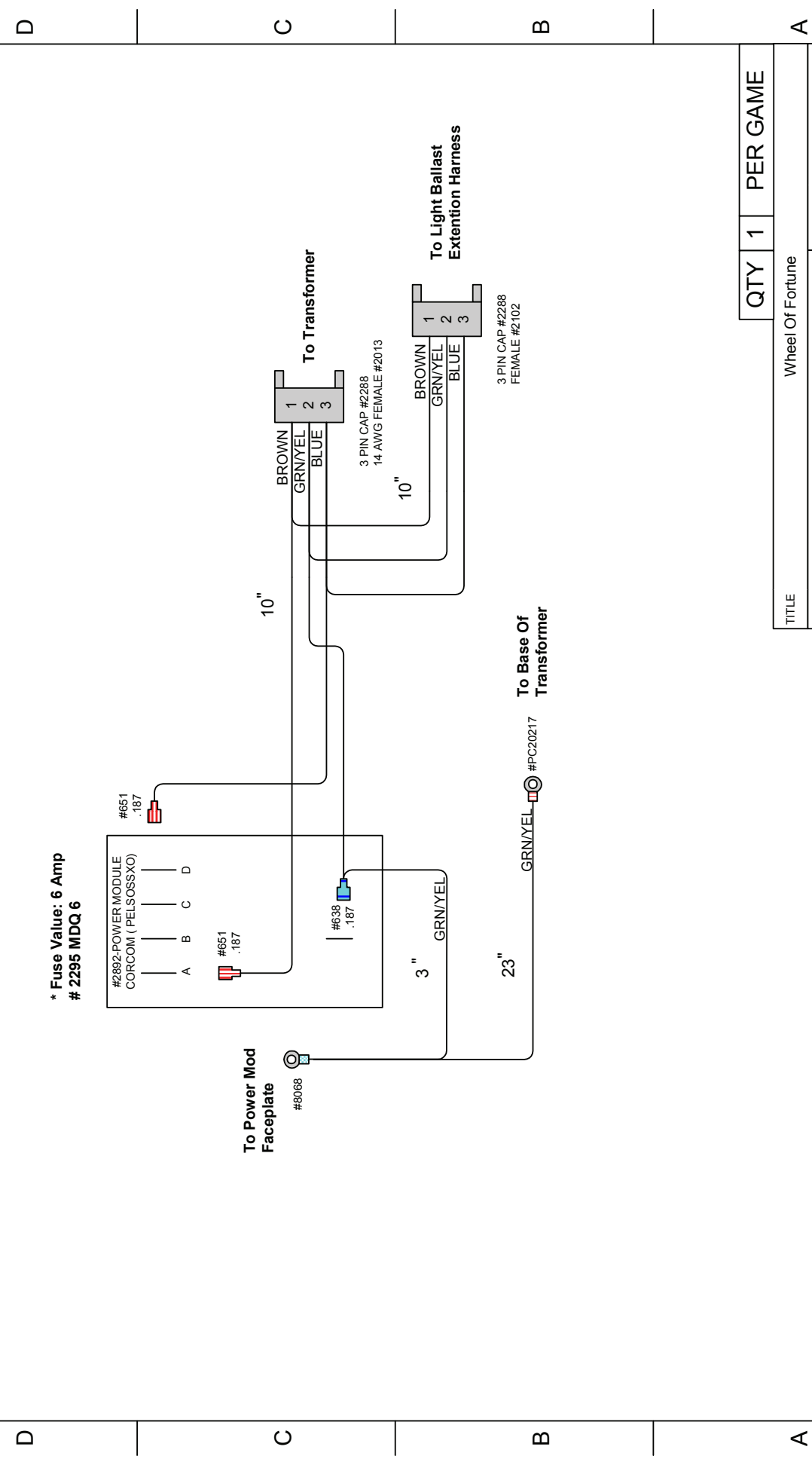


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DESCRIPTION # WF2053X - TICKET DOOR HARNESS		FILENAME	WFREV2.VSD
		DRAWN BY	MMARTIN
DATE	2/29/00	REVISED	6/13/01
		PAGE	15 OF 25



QTY		2	PER GAME
Wheel Of Fortune			
TITLE			
DESCRIPTION # WF2054X - Control Panel Harness		FILENAME	WFREV2.VSD
		DRAWN BY	MMARTIN
DATE	2/29/00	REVISED	5/3/01
		PAGE	16 OF 25

4 3 2 1



* Fuse Value: 6 Amp
2295 MDQ 6

To Power Mod
Faceplate
#8068

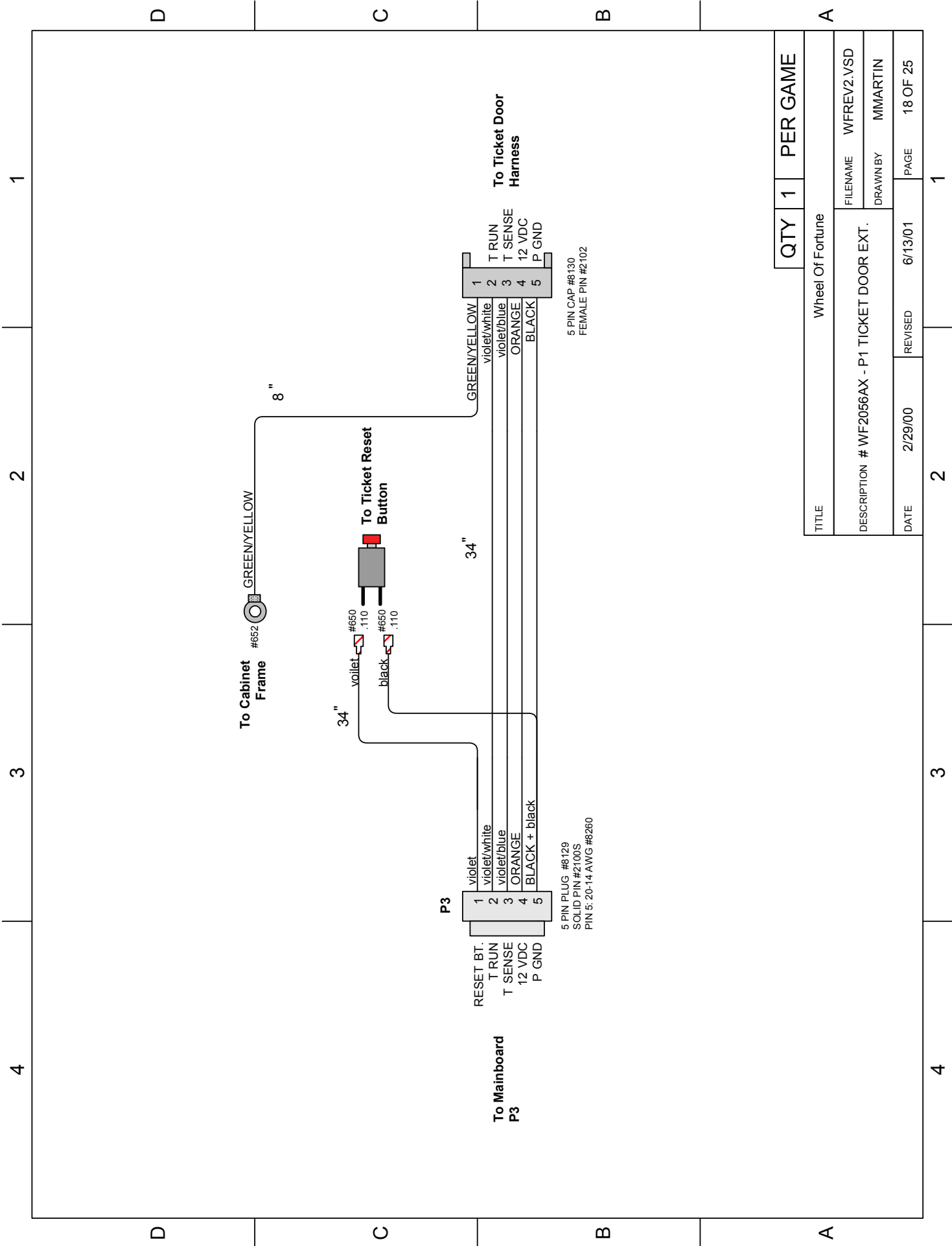
To Transformer

To Light Ballast
Extension Harness

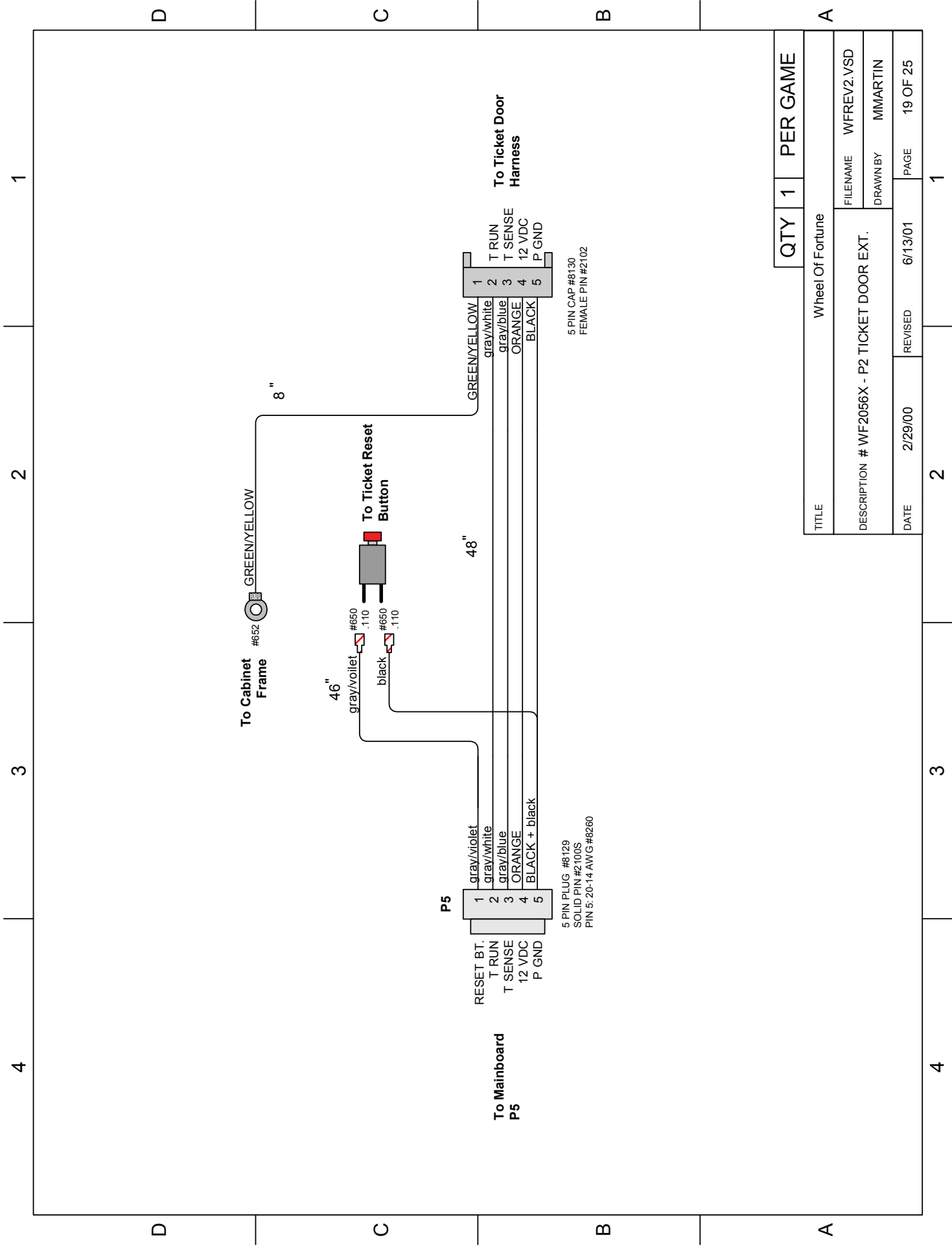
To Base Of
Transformer

QTY		1	PER GAME
Wheel Of Fortune			
TITLE		FILENAME	
DESCRIPTION		WFREV2.VSD	
DATE		DRAWN BY	
2/29/00		MMARTIN	
REVISED		PAGE	
6/13/01		17 OF 25	

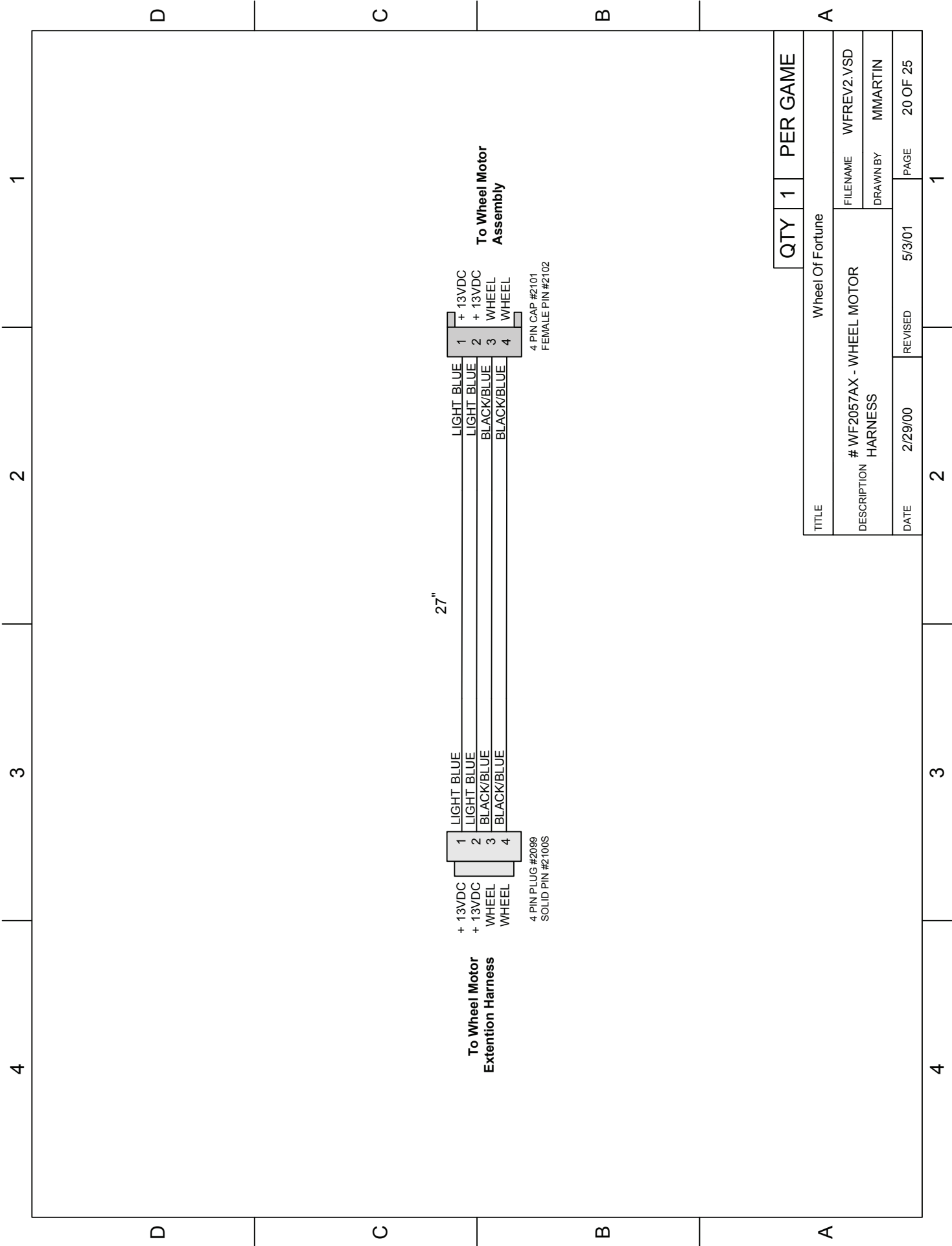
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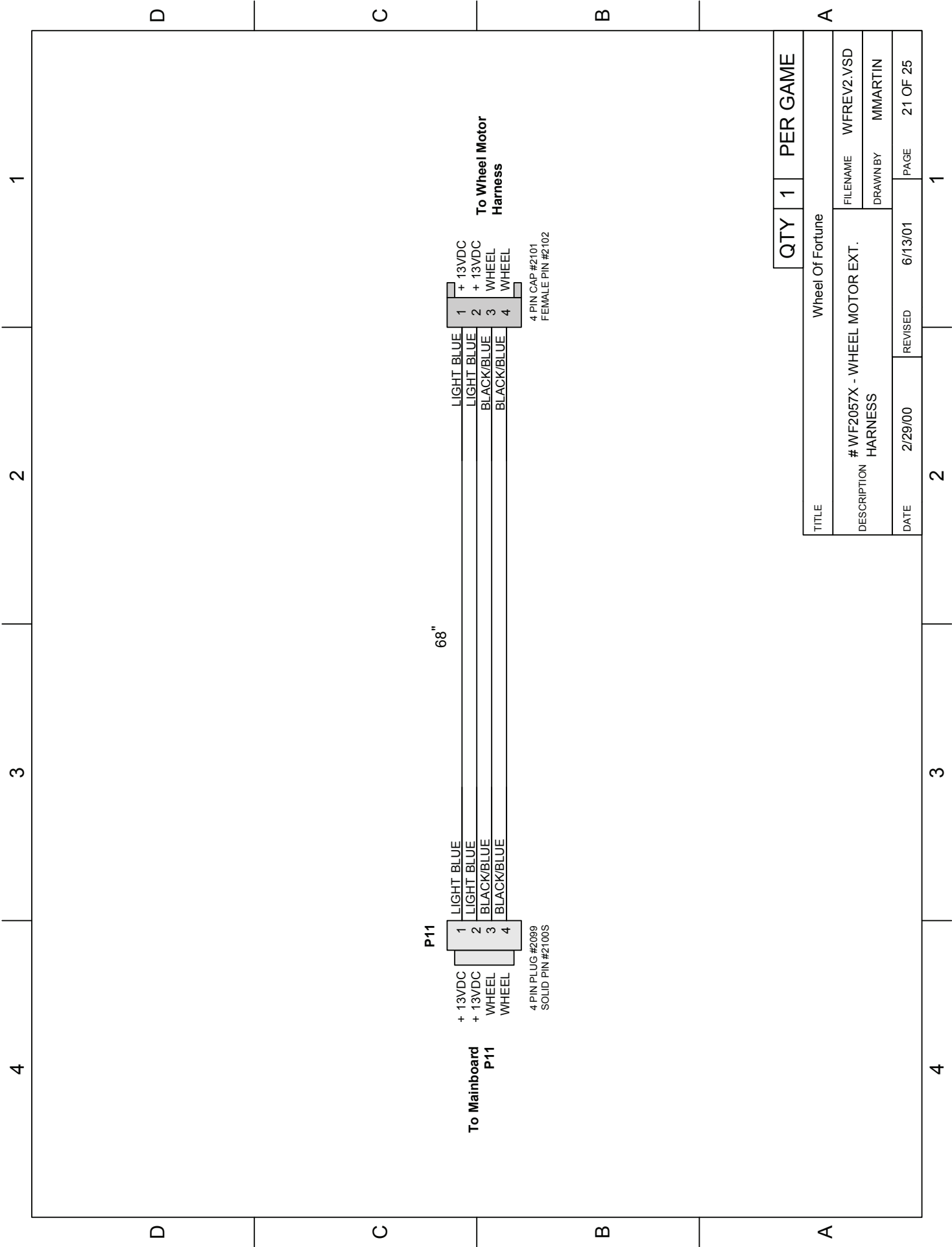
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DATE		DRAWN BY		MMARTIN
2/29/00		REVISED		6/13/01
2		PAGE		18 OF 25



QTY		1	PER GAME
Wheel Of Fortune			
TITLE		DESCRIPTION # WF2056X - P2 TICKET DOOR EXT.	
FILENAME		WFREV2.VSD	
DRAWN BY		MMARTIN	
DATE		2/29/00	6/13/01
REVISED		PAGE	
2		19 OF 25	

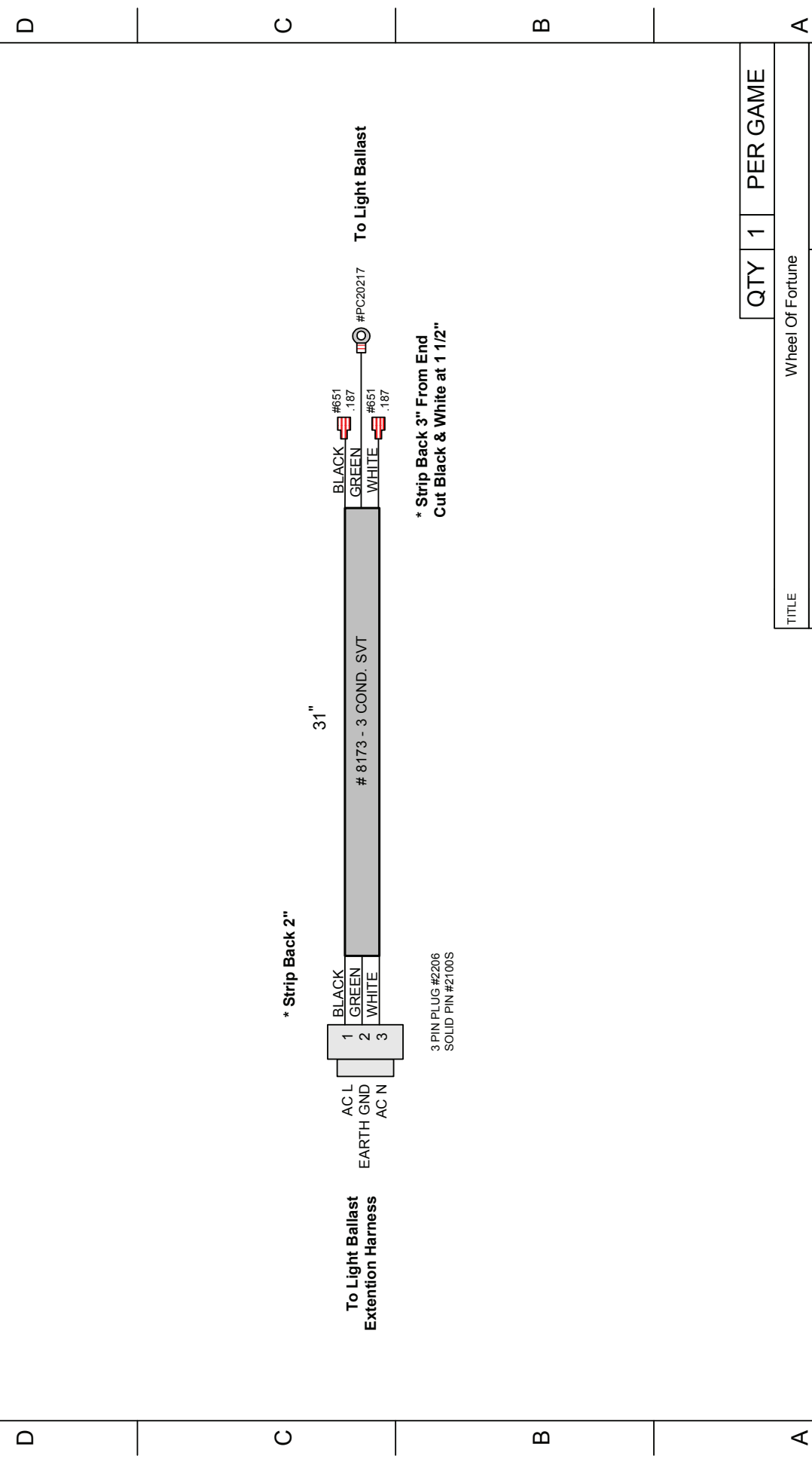


QTY		1	PER GAME
Wheel Of Fortune			
TITLE		Wheel Of Fortune	
DESCRIPTION		# WF2057AX - WHEEL MOTOR HARNESS	WFREV2.VSD
DATE		2/29/00	MMARTIN
REVISED		5/3/01	20 OF 25



TITLE		QTY	1	PER GAME
Wheel Of Fortune				
DESCRIPTION		# WF2057X - WHEEL MOTOR EXT. HARNESS		
DATE		2/29/00	REVISED	6/13/01
FILENAME		WFREV2.VSD		
DRAWN BY		MMARTIN		
PAGE		21 OF 25		

4 3 2 1



* Strip Back 2"

31"

8173 - 3 COND. SVT

BLACK #651
GREEN .187
WHITE #651
.187

BLACK
GREEN
WHITE

1
2
3

AC L
EARTH GND
AC N

To Light Ballast
Extension Harness

To Light Ballast



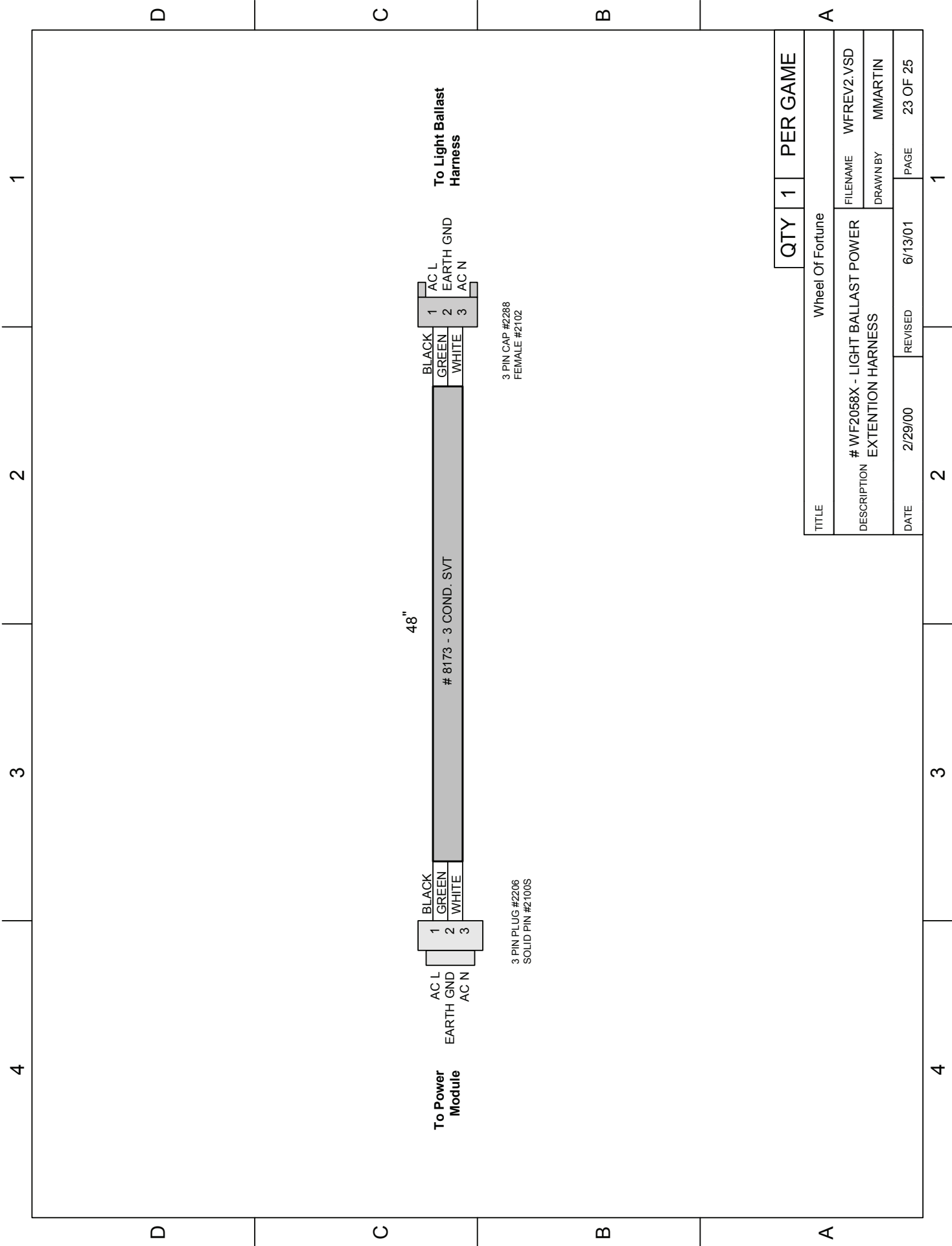
#PC20217

* Strip Back 3" From End
Cut Black & White at 1 1/2"

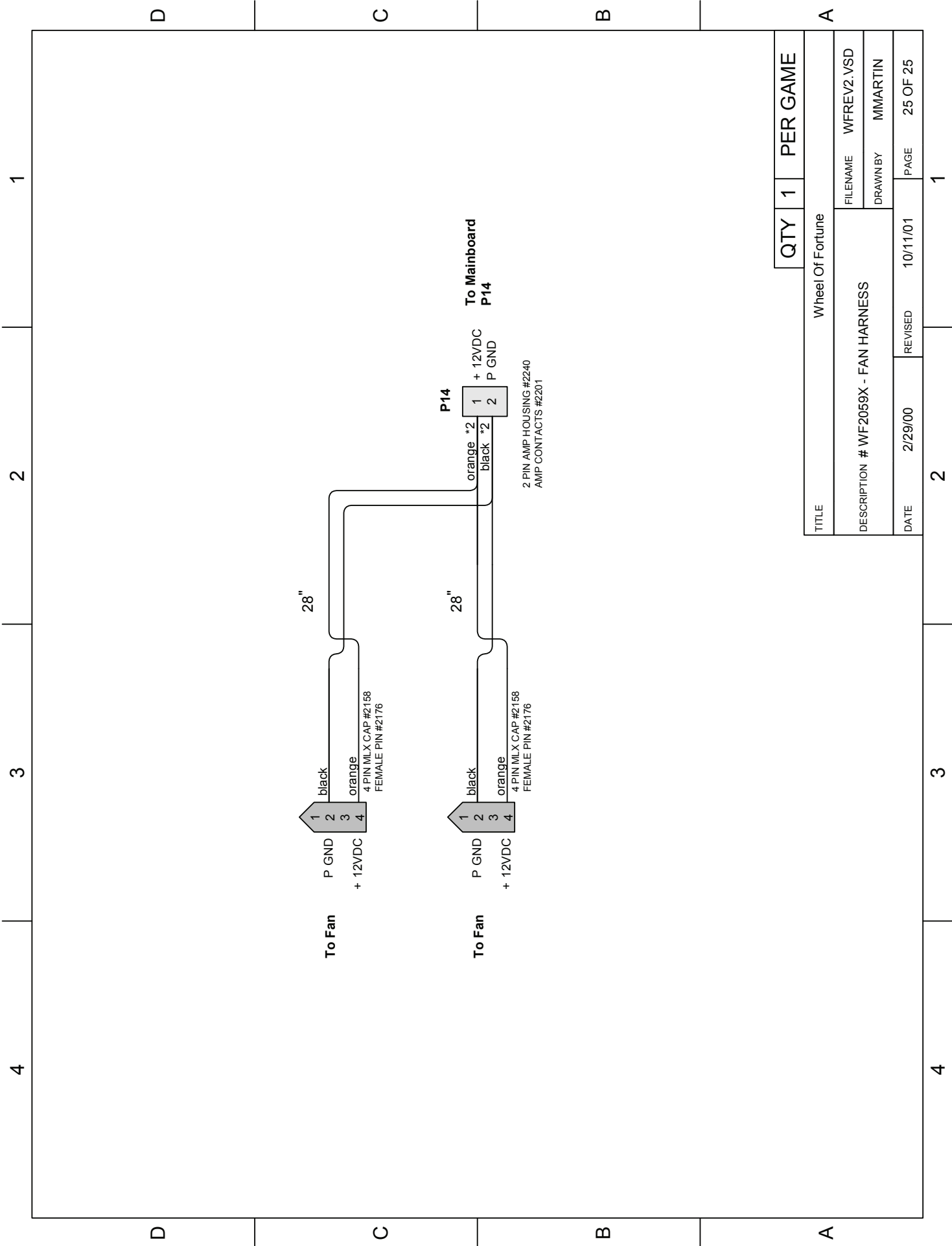
3 PIN PLUG #2206
SOLID PIN #2100S

QTY		1	PER GAME
Wheel Of Fortune			
TITLE		FILENAME	
DESCRIPTION		WFREV2.VSD	
DATE		DRAWN BY	
2/29/00		MMARTIN	
REVISED		PAGE	
6/13/01		22 OF 25	

4 3 2 1



TITLE		QTY	1	PER GAME
Wheel Of Fortune				
DESCRIPTION		# WF2058X - LIGHT BALLAST POWER EXTENSION HARNESS	FILENAME	WFREV2.VSD
			DRAWN BY	MMARTIN
DATE	2/29/00	REVISED	6/13/01	PAGE 23 OF 25



QTY		1	PER GAME
Wheel Of Fortune			
DESCRIPTION # WF2059X - FAN HARNESS		FILENAME	WFREV2.VSD
		DRAWN BY	MMARTIN
DATE	2/29/00	REVISED	10/11/01
		PAGE	25 OF 25

WARRANTY

I.C.E warrants all components in the **WHEEL A WIN™** game to be free of defects in materials and workmanship for a period of ninety days from the date of purchase. Further, all MAIN P.C. BOARDS are warranted for 180 days.

This warranty does not cover items damaged due to normal wear and tear, subjected to abuse, improperly assembled by the end user, modified, repaired, or operated in a fashion other than that described in the service manual.

If your **WHEEL A WIN™** game fails to conform to the above-mentioned warranty, I.C.E.'s sole responsibility shall be at its discretion to repair or replace any defective component with a new or remanufactured component of equal to or greater O.E.M. specification.

I.C.E. will assume no liability whatsoever, for costs associated with labor to replace defective parts, or travel time associated therein.

I.C.E.'s obligation will be to ship free of charge, replacement parts by U.P.S. Ground, U.S. mail, or other comparable shipping means. Any express mail or overnight shipping expense is at the cost of the purchaser.

Products will be covered under warranty only when:

- The serial number of the game with the defective parts is given.
- The serial number of the defective part, if applicable, is given.
- Defective parts are returned to I.C.E., shipping pre-paid, in a timely fashion, if requested by I.C.E.
- A copy of the sales receipt is available as proof of purchase upon request of I.C.E.

I.C.E. distributors are independent, privately owned and operated. In their judgment, they may sell parts or accessories other than those manufactured by I.C.E. We cannot be responsible for the quality, suitability, or safety of any non-I.C.E. part, or any modification, including labor, which is performed by such a distributor.



WARRANTY

ICE Inc warrants that all of its products will be free from defects in material and workmanship.

When placing a warranty request, please be prepared to provide the following information:

- Serial Number of Game or Bill of Sale
- Machine Type
- A Detailed Description of the Equipment Fault Symptoms

ICE product, including Cromptons, Sam's Billiards, Uniana and Bell Fruit is warranted as follows:

- 180 days on the Main PCB and Computers
- 180 days on Motors
- 90 days on all other components (i.e. DBV's, Ticket Dispensers, etc)
- 30 days on repaired items
- 3 years on all Crane Harnessing
- 9 Months on Printers

ICE Inc shall not be obligated to furnish a warranty request under the following conditions:

- Equipment has been subjected to unwarranted stress through abuse or neglect
- Equipment has been damaged as a result of arbitrary repair/modification attempts
- Equipment that has failed through normal wear and tear

ICE Inc will assume no liability whatsoever for costs associated with labor to replace defective parts or travel time associated therein.

All defective warranty covered components will be replaced with new or factory refurbished components equal to OEM specifications. ICE Inc will cover all UPS ground, or comparable shipping means, freight costs during the warranty period. Expedited shipments are available for an additional charge.

Defective parts are returned to ICE Inc, at the customer's expense, in a timely fashion.

ICE distributors are independent, privately owned and operated. In their judgment, they may sell parts and/or accessories other than those manufactured by ICE Inc. We cannot be responsible for the quality, suitability or safety of any non-ICE part, modification (including labor) that is performed by such a distributor.

I.C.E. Parts/Service Dept.
Innovative Concepts in Entertainment
10123 Main St.
Clarence, NY 14031
Phone #: (716) - 759 - 0360
Fax #: (716) - 759 - 0884