

IMPORTANT
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Compliance with health and safety regulations applicable to this project is the sole and exclusive responsibility of the client.
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Dairymaster accepts no responsibility for errors and omissions.

- NOTES:**
- Do not scale.
 - Drainage and gullies in parlour, wash room and dairy to be positioned and installed by builder.
 - Ensure all post are vertical and plum.
 - Double check that the post measurements are correct at both the top and cow stand.
 - 1.5% Slope = 1 IN 66.67
 - 2.5% Slope = 1 IN 40

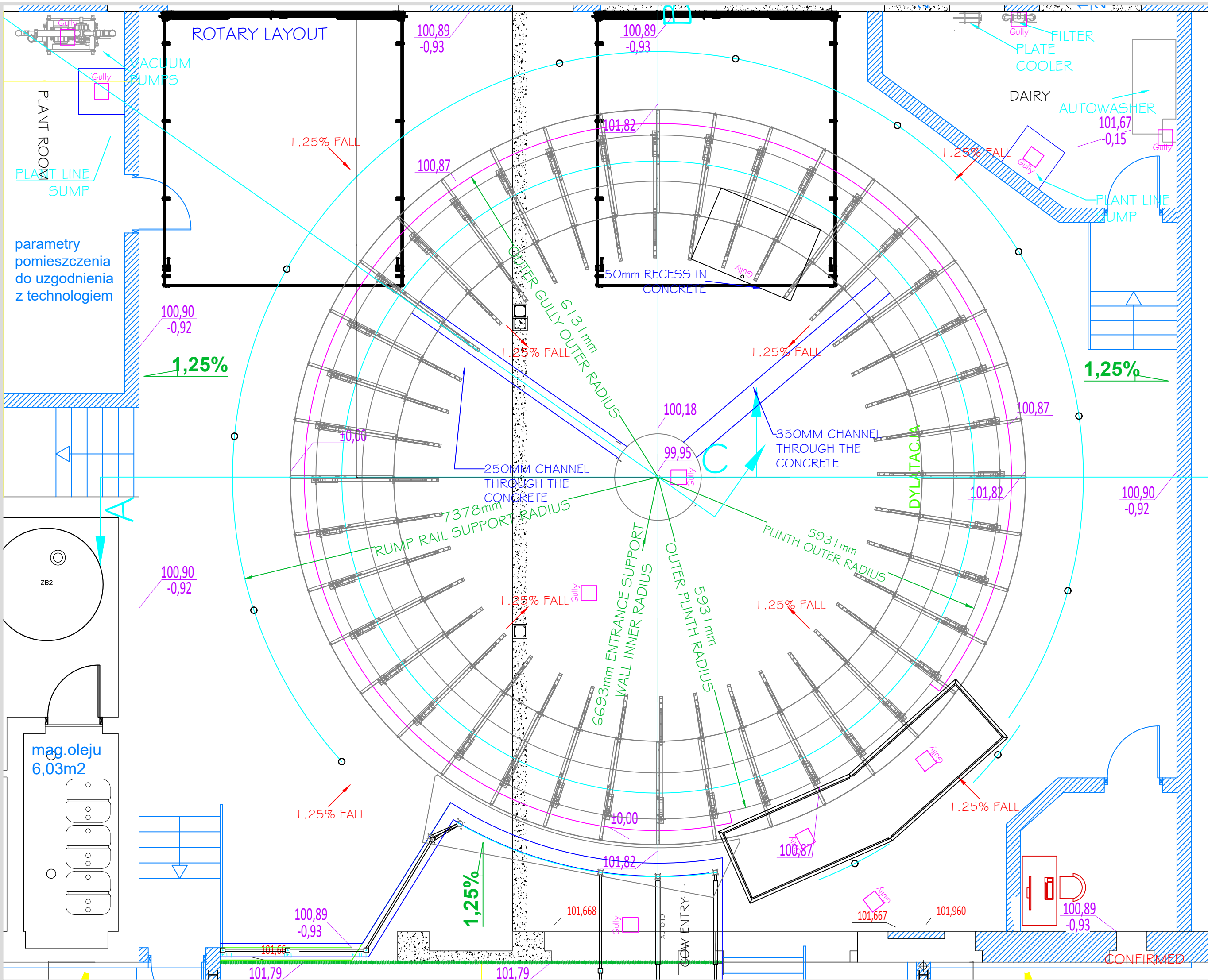
NOTE:
Production of parlour cannot commence until the drawings are confirmed



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Zolednica	
Country: Poland	
Dealer or Sales Rep: Dairymaster BV	
Drawing Number: PD00-001065-000.dwg	Rev: R1 Sht No: 1
Drawn By: Pdraig Harty	
Sales Order #: 72495	
No Units: 40	
Parlour Type: Swiftflo Revolver - Anti Clockwise	



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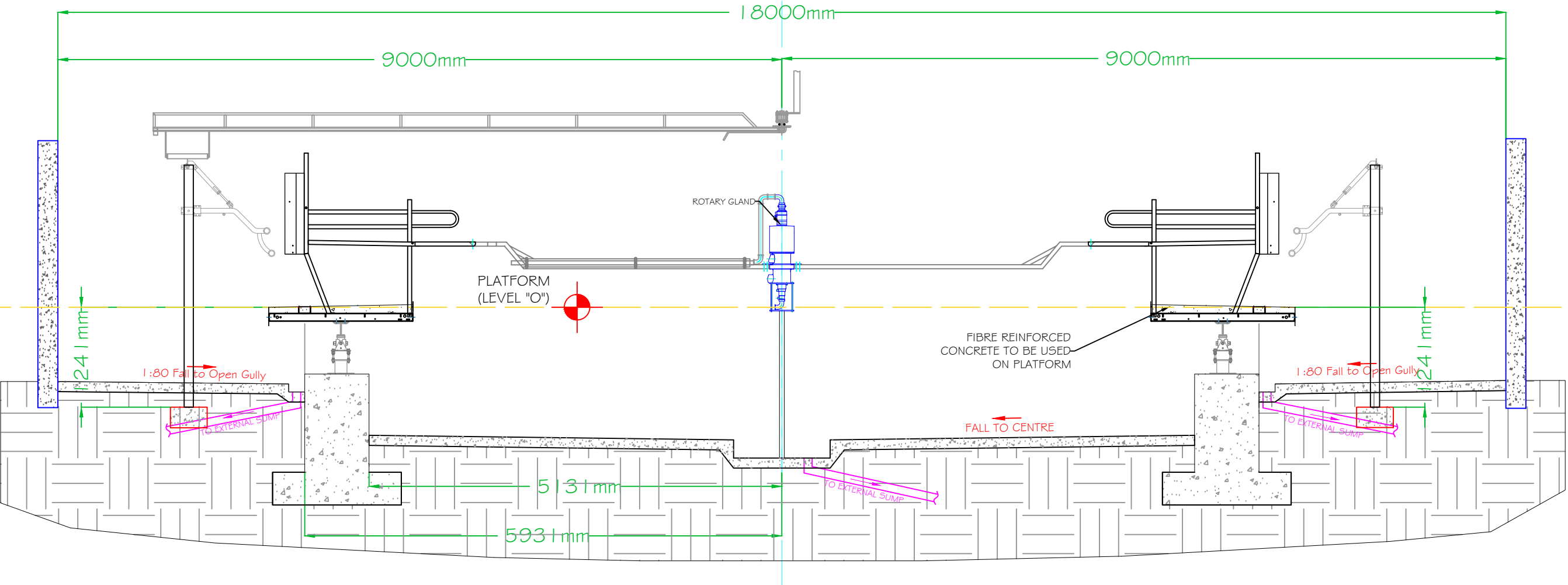
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Drawing Number: PD00-001065-000.dwg	Rev: R1 Sht No: 2
Drawn By: Pdraig Harty	
Sales Order #: 72495	
No Units: 40	
Parlour Type: Swiftflo Revolver - Anti Clockwise	

CROSS SECTION A-A

- IMPORTANT:**
1. ROTARY TABLE, ENTRY BRIDGE & ALL STALLWORK MUST BE INSTALLED BY DAIRYMASTER BEFORE THE ENTRY BRIDGE FINISHED FLOOR IS LAID.
 2. FIBRE REINFORCED CONCRETE TO BE USED IN PLINTH & ENTRY DECK.



NOTE: ALL STRUCTURAL DETAILS, INCLUDING FOUNDATION SIZE AND DEPTH MUST BE DETERMINED BY A QUALIFIED ENGINEER

CROSS SECTION A-A

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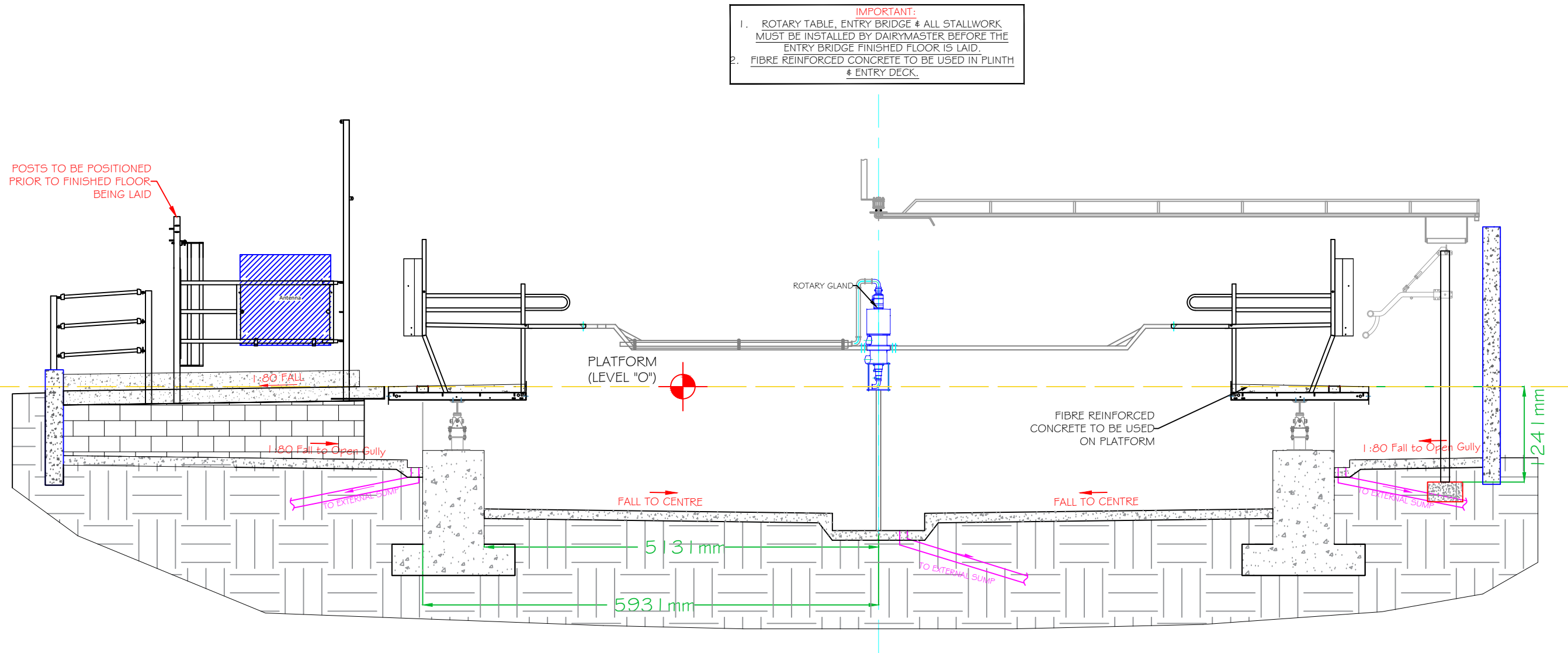
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Drawn By: Pdraig Harty	
Sales Order #: 72495	
No Units: 40	
Parlour Type: Swiftflo Revolver - Anti Clockwise	

CROSS SECTION B-B



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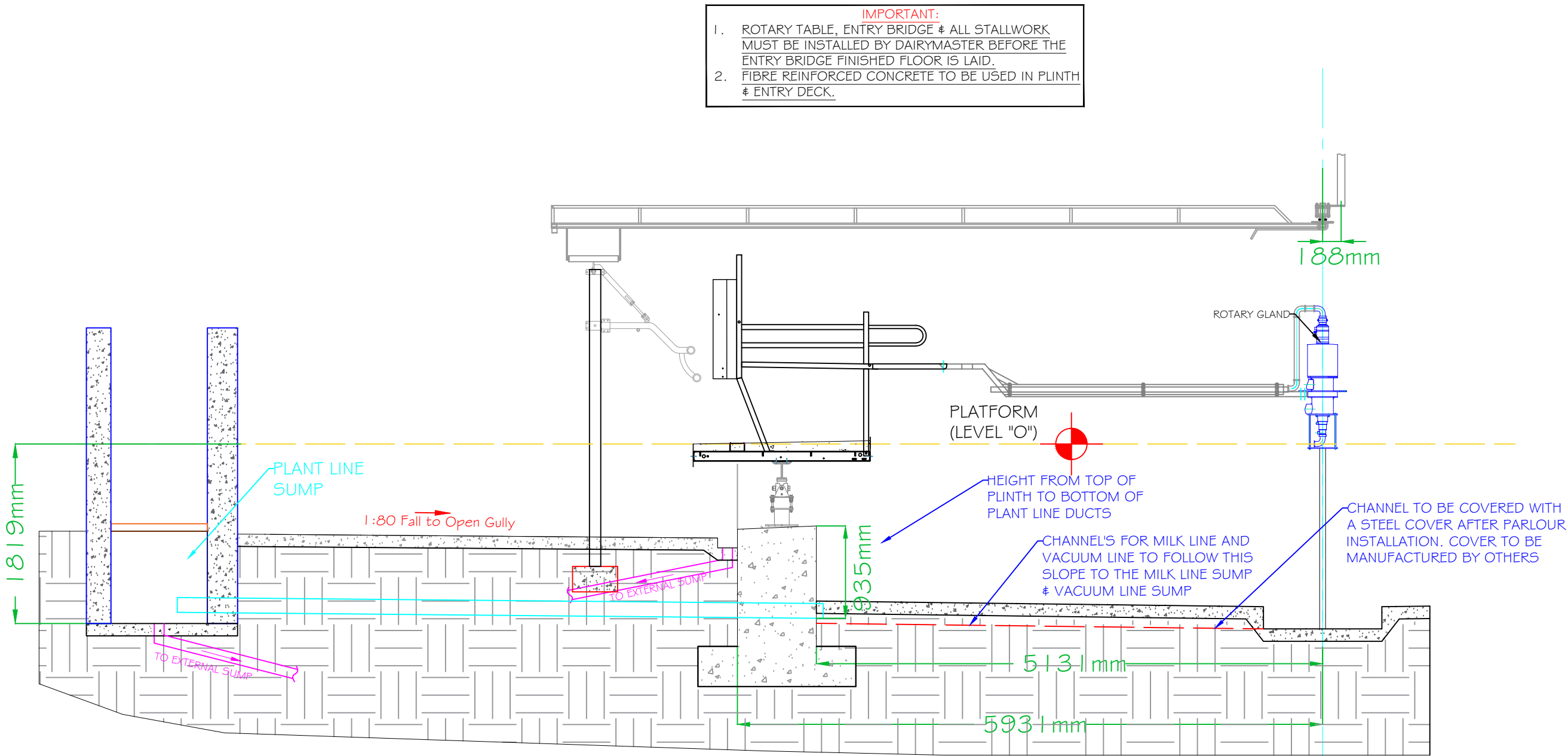
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Drawn By: Pdraig Harty	
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CROSS SECTION C-C



CROSS SECTION C-C

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Drawn By: Pdraig Harty	
Sales Order #: 72495	
No Units: 40	
Parlour Type: Swiftflo Revolver - Anti Clockwise	

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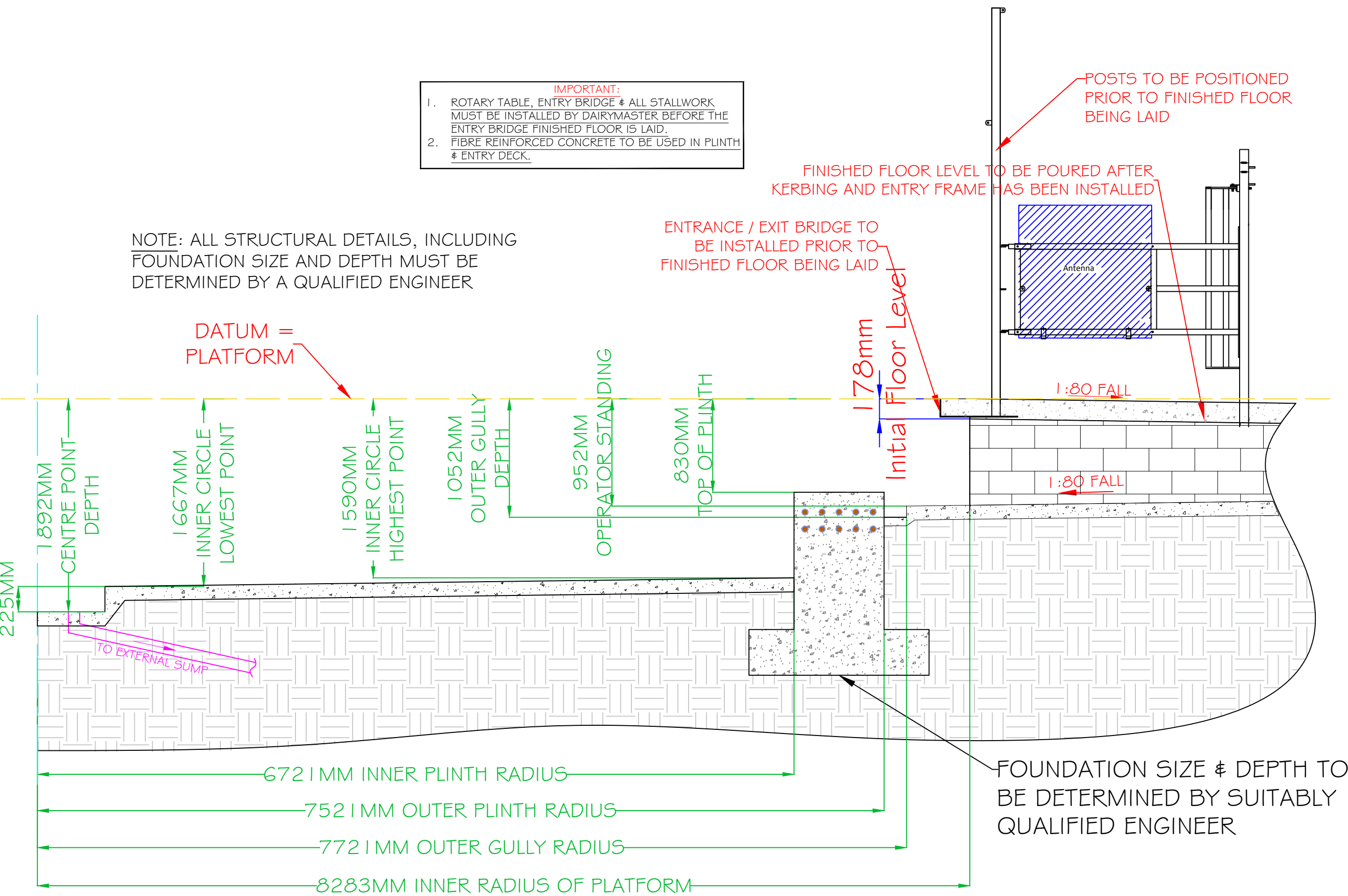
CONCRETE LEVELS

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CONCRETE LEVELS

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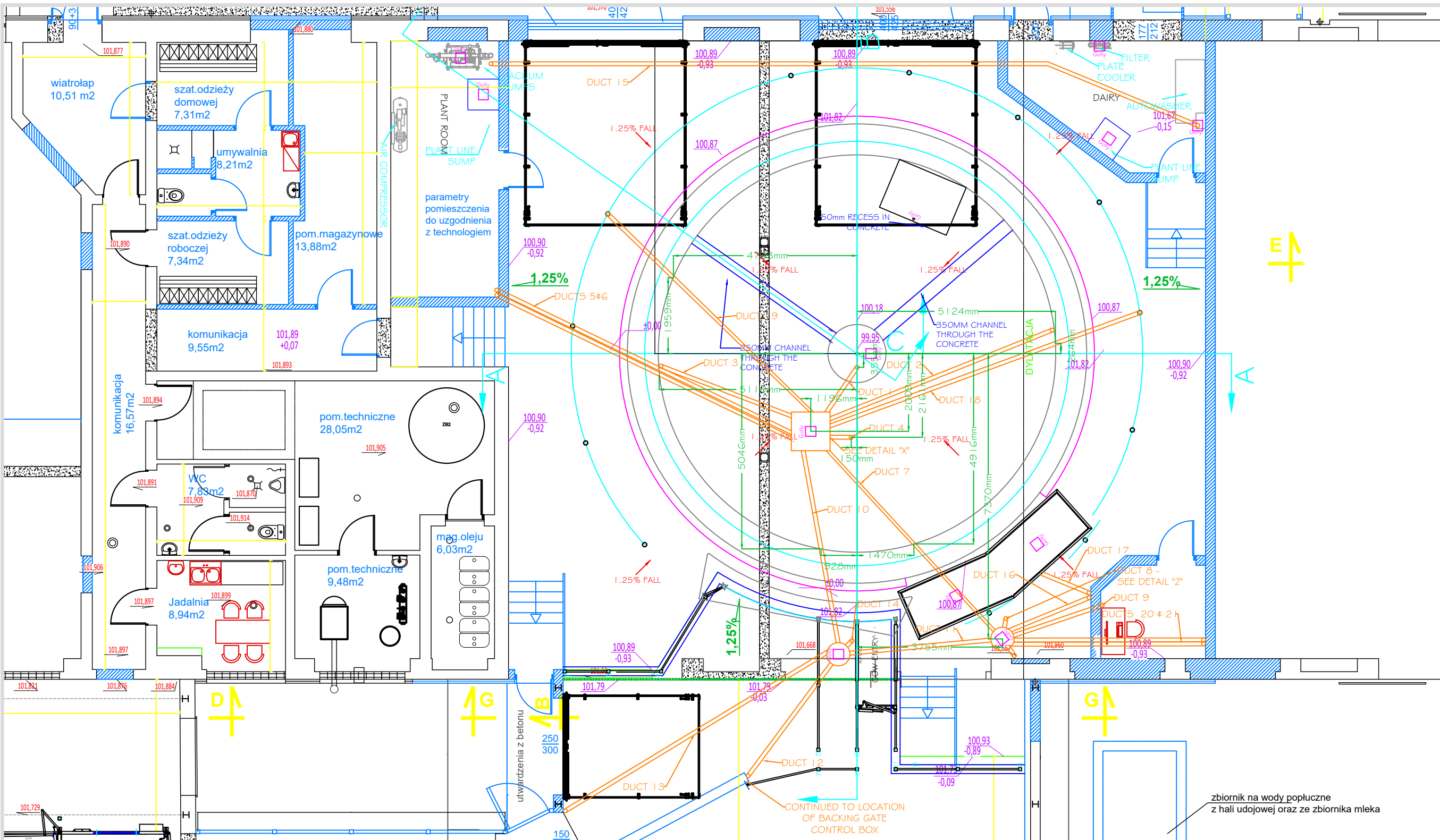
Drawn By: Pdraig Harty

Sales Order #: 72495

No Units: 40

Parlour Type:

Swiftflo Revolver - Anti Clockwise



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Drawing Number: PD00-001065-000.dwg	Rev: R1 Sht No: 7
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Drawn By: Pdraig Harty

Sales Order #: 72495

No Units: 40

Parlour Type:

Swiftflo Revolver - Anti Clockwise

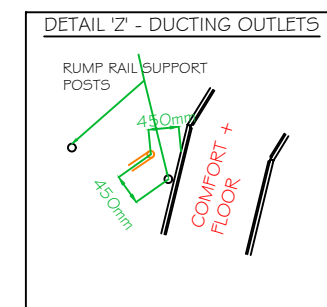
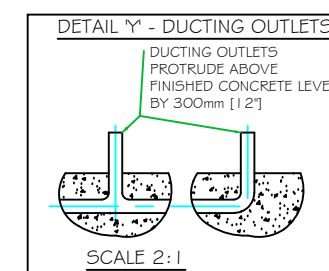
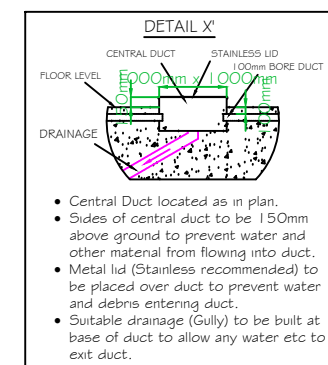
DUCTING DETAILS

- DUCT 1 - FROM CENTRAL DUCT TO GLAND
- DUCT 2 - FROM CENTRAL DUCT TO DRIVE WHEEL 1
- DUCT 3 - FROM CENTRAL DUCT TO DRIVE WHEEL 2
- DUCT 4 - FROM CENTRAL DUCT TO MONITOR LOCATION
- DUCT 5 - FROM CENTRAL DUCT TO POWER HOUSE
- DUCT 6 - FROM CENTRAL DUCT TO POWER HOUSE
- DUCT 7 - FROM CENTRAL DUCT TO JUNCTION BOX AT OPERATOR LOCATION
- DUCT 8 - FROM JUNCTION BOX AT OPERATOR LOCATION TO OPERATOR CONSOLE (SEE DETAIL 'Z')
- DUCT 9 - FROM JUNCTION BOX AT OPERATOR LOCATION TO OFFICE
- DUCT 10 - FROM CENTRAL DUCT TO DUMMY BAIL ON BRIDGE
- DUCT 11 - FROM DUMMY BAIL ON BRIDGE TO JUNCTION BOX AT OPERATOR LOCATION

- DUCT 12 - FROM JUNCTION BOX AT OPERATOR LOCATION TO BACKING GATE
- DUCT 13 - FROM JUNCTION BOX AT OPERATOR LOCATION TO DRAFTING
- DUCT 14 - DUMMY BAIL ON BRIDGE TO AUTO ID
- DUCT 15 - FROM VACUUM PUMPS TO AUTOWASHER
- DUCT 16 - FROM COMFORT + FLOOR POWER UNIT TO JUNCTION BOX AT OPERATOR (SIGNAL)
- DUCT 17 - FROM COMFORT + FLOOR POWER UNIT TO COMFORT FLOOR (HOISING)
- DUCT 18 - FROM CENTRAL DUCT TO RUMP RAIL POST
- DUCT 19 - FROM CENTRAL DUCT TO RUMP RAIL POST
- DUCT 20 - FROM JUNCTION BOX AT OPERATOR LOCATION TO OFFICE
- DUCT 21 - FROM JUNCTION BOX AT OPERATOR LOCATION TO OFFICE
- DUCT 22 - BACK FEEDER POST TO OFFICE

DUCTING NOTES

- 1) THE POSITIONS OF THE CONDUITS AND DUCTS ARE SHOWN AS A GUIDE ONLY, AND THE EXACT POSITION OF THE DUCTING SHOULD BE DETERMINED ON SITE, ALLOWING FOR ANY CHANGES IN FLOOR LEVELS.
- 2) ALL DUCTS SHOWN ARE FOR THE INSTALLATION OF DAIRYMASTER EQUIPMENT ONLY AND EXTRA DUCTS REQUIRED BY ELECTRICIANS AND PLUMBERS MAY NEED TO BE ADDED
- 3) LEAVE FISH WIRE/DRAW ROPE IN ALL DUCTS
- 4) 100MM SMOOTH BORE DUCTING TO BE USED (UNLESS STATED OTHERWISE).
- 5) ALL DUCTING TO BE UNDERGROUND.
- 6) ALL DUCTING TO BE SUPPLIED BY CLIENT.
- 7) ALL DUCTS TO BE 4" UNLESS OTHERWISE STATED
- 8) ALL DUCTS TO BE FINISHED TO DETAIL "Y" EXCEPT DUCT 9.



CONFIRMED

$$\frac{1}{B} \frac{1}{\sqrt{2\pi}} \frac{1}{\sqrt{1-\frac{1}{B}}} e^{-\frac{1}{2(1-\frac{1}{B})} \left(\frac{1}{\sqrt{2\pi}} \right)^2} \quad \frac{1}{A} \frac{1}{\sqrt{2\pi}} \frac{1}{\sqrt{1-\frac{1}{A}}} e^{-\frac{1}{2(1-\frac{1}{A})} \left(\frac{1}{\sqrt{2\pi}} \right)^2}$$



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Drawing Number:	Rev: R1
PD00-001065-000.dwg	Sht No: 9

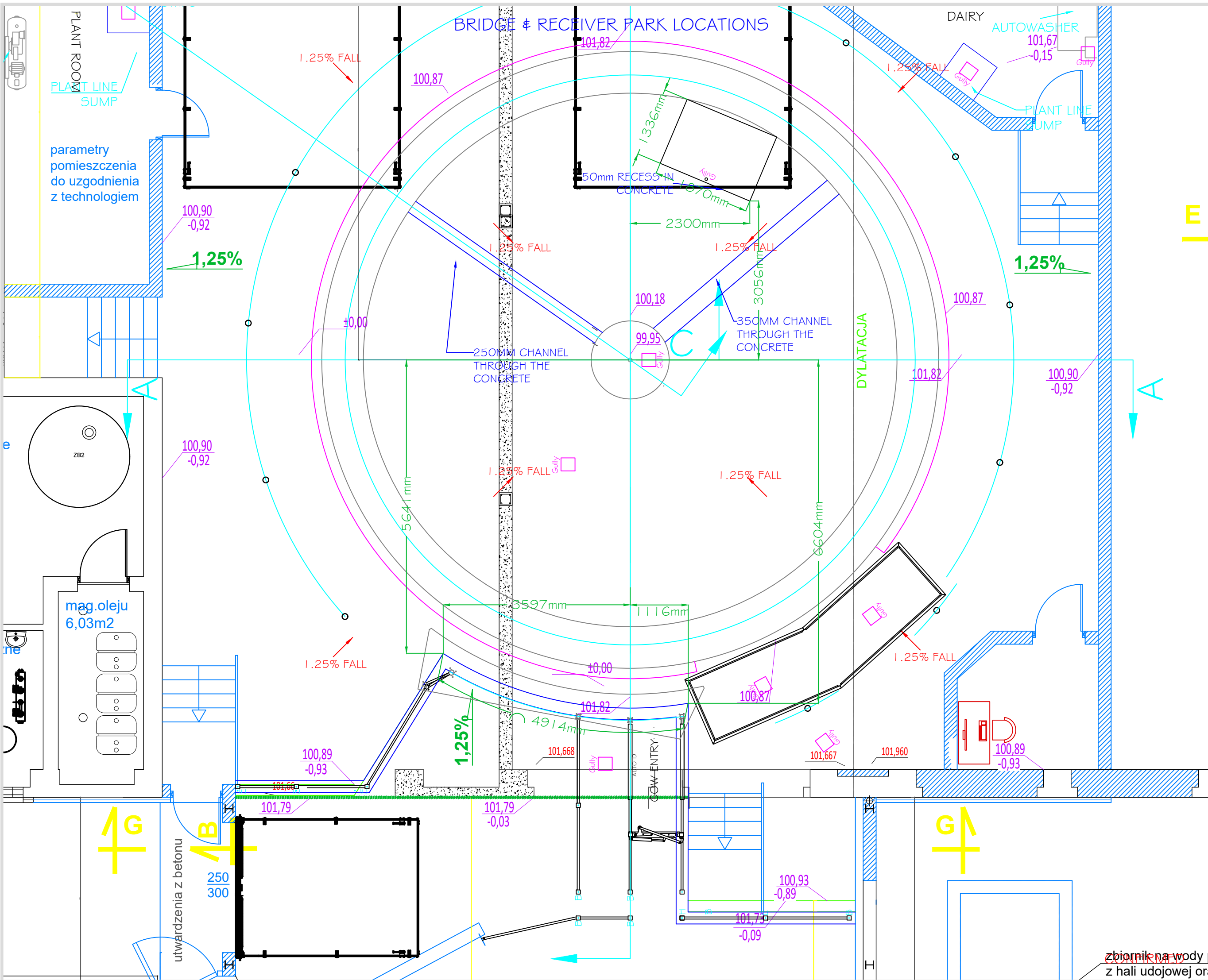
Drawn By: Padraig Harty

Sales Order #: 72495

No Units: 40

Parlour Type:

Swiftflo Revolver - Anti Clockwise



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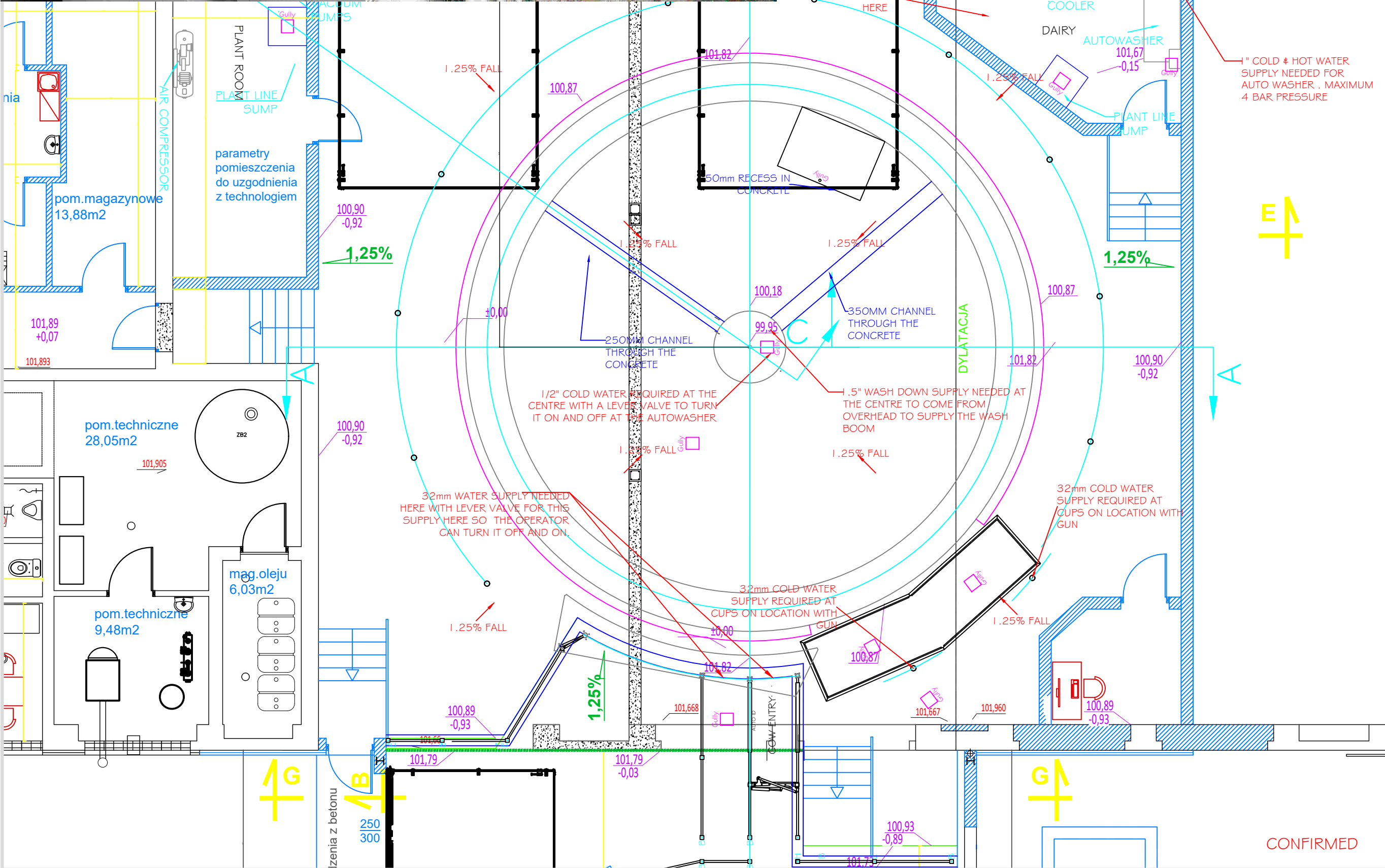
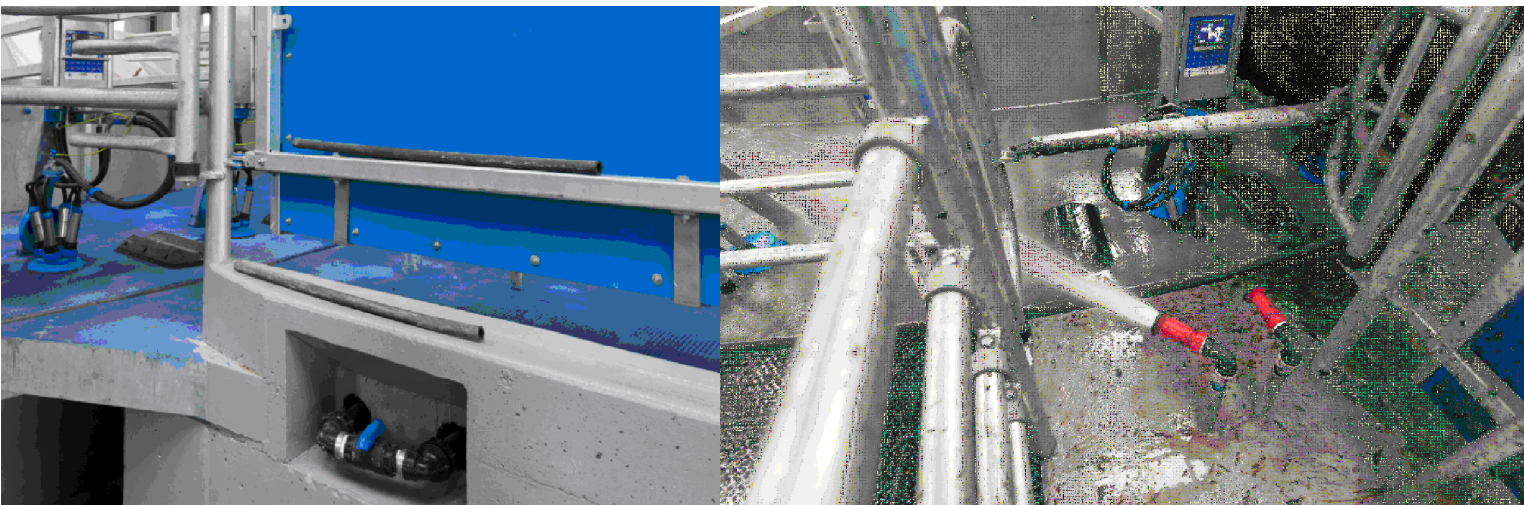
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WATER LOCATIONS

2" COLD WATER SUPPLY
NEEDED FOR PLATE
COOLER AT RATE OF
17820L/H
łuk o szerokości
około 25 cm

101,556
101,56

32mm WASH DOWN
SUPPLY REQUIRED
HERE

50mm RECESS IN
CONCRETE

1/2" COLD WATER REQUIRED AT THE
CENTRE WITH A LEVER VALVE TO TURN
IT ON AND OFF AT THE AUTOWASHER

32mm WATER SUPPLY NEEDED
HERE WITH LEVER VALVE FOR THIS
SUPPLY HERE SO THE OPERATOR
CAN TURN IT OFF AND ON.

32mm COLD WATER
SUPPLY REQUIRED AT
CUPS ON LOCATION WITH
GUN

32mm COLD WATER
SUPPLY REQUIRED AT
CUPS ON LOCATION WITH
GUN

100,89
-0,93

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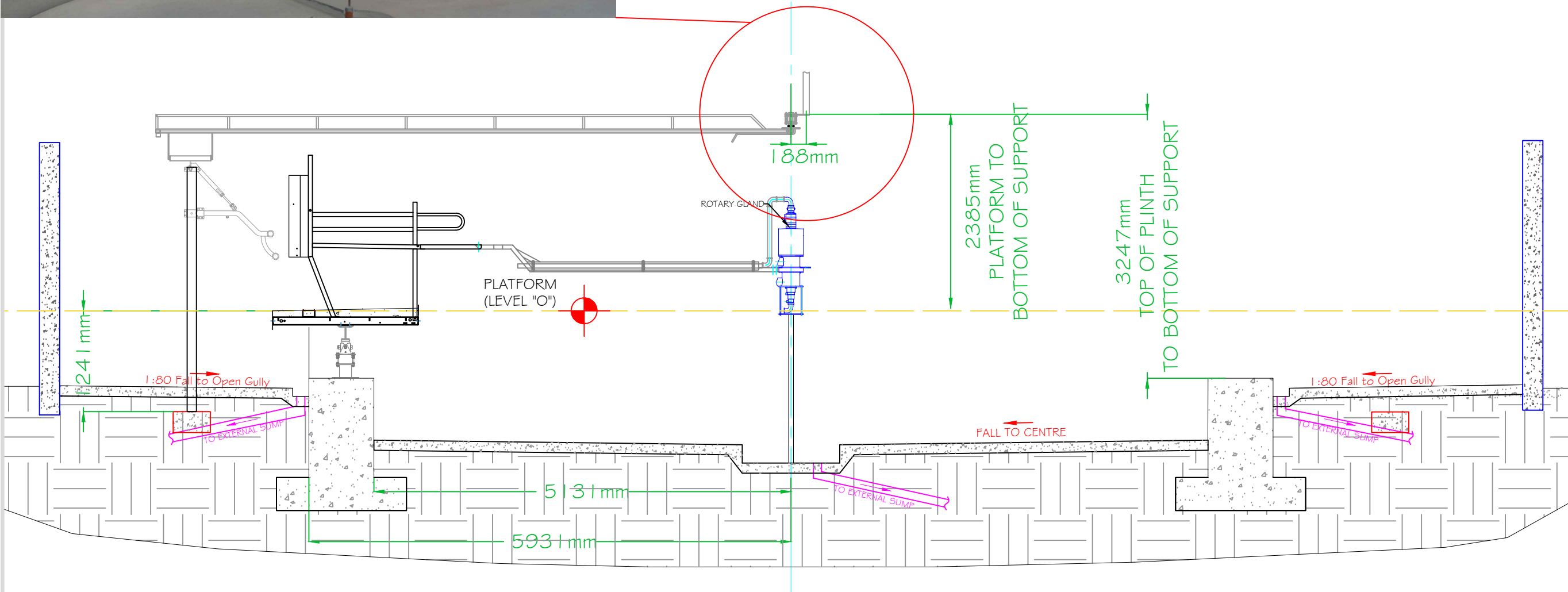
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WASH BOOM SUPPORT CROSS SECTION



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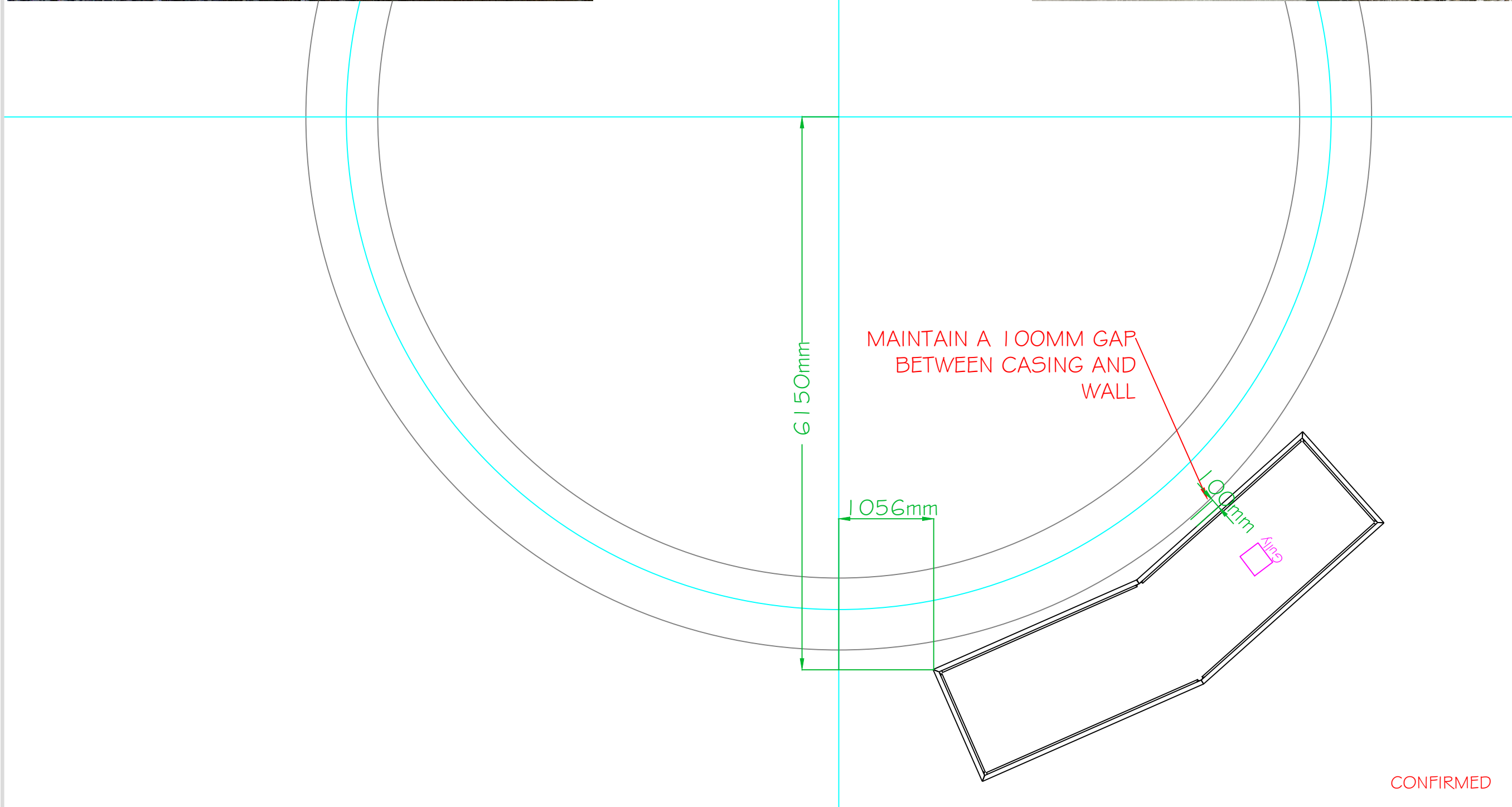
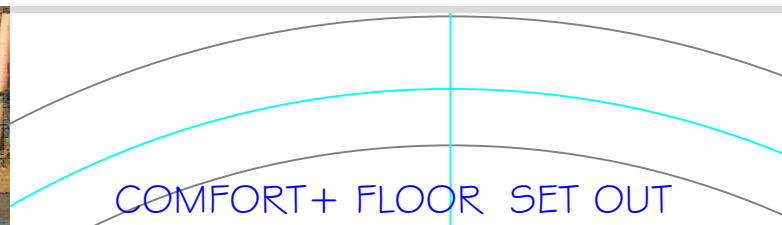
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 - Double check that the post measurements are correct at both the top and cow stand.
 - 1.5% Slope = 1 IN 66.67
 - 2.5% Slope = 1 IN 40

NOTE:
Production of parlour cannot commence until the drawings are confirmed

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Zolednica

Country: Poland	
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Drawing Number: PD00-001065-000.dwg	Rev: R1 Sht No: 13
Drawn By: Pdraig Harty	
Sales Order #: 72495	
No Units: 40	
Parlour Type: Swiftflo Revolver - Anti Clockwise	



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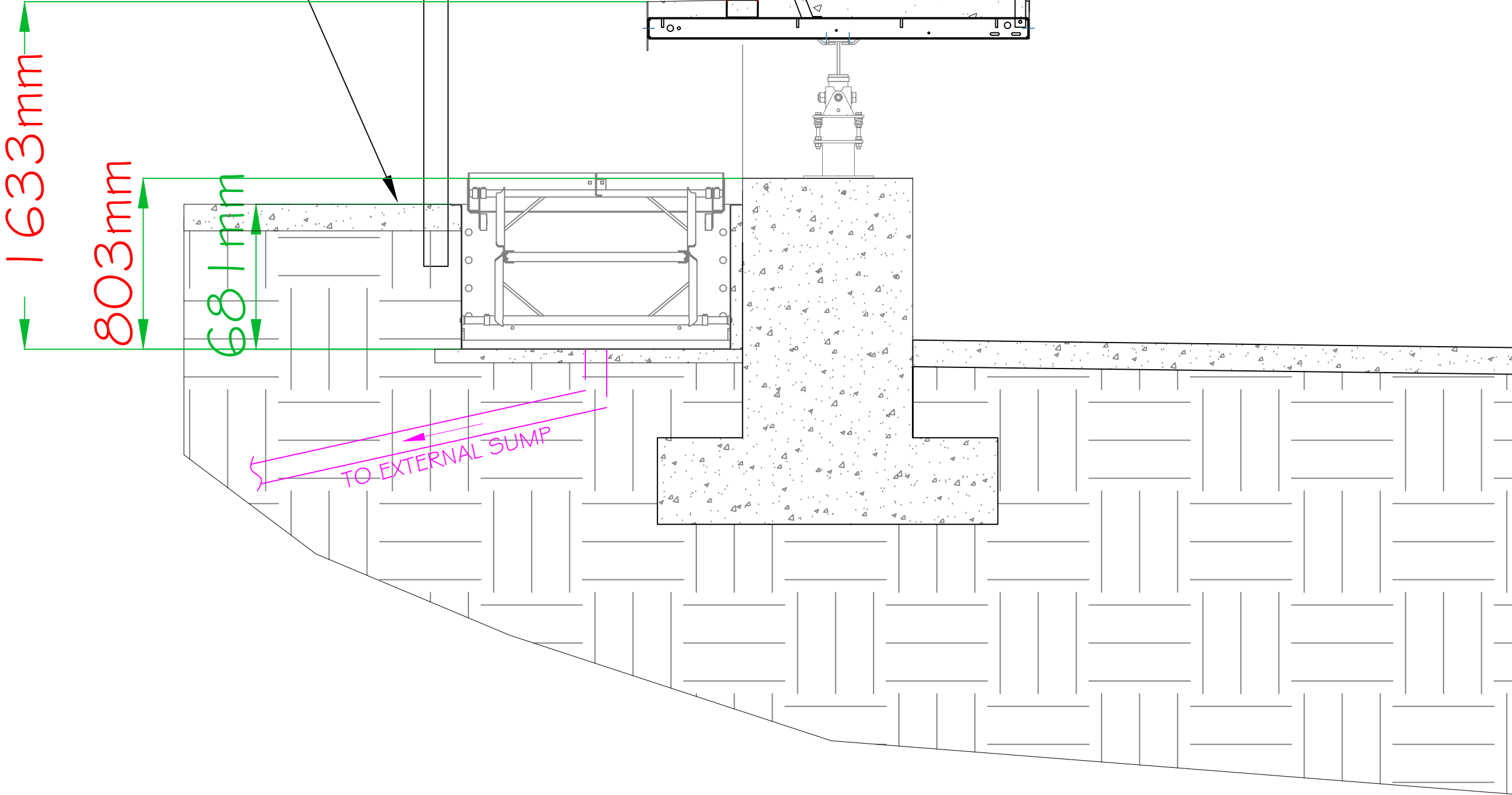
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Drawing Number: PD00-001065-000.dwg	Rev: R1 Sht No: 14
Drawn By: Pdraig Harty	
Sales Order #: 72495	
No Units: 40	
Parlour Type: Swiftflo Revolver - Anti Clockwise	

COMFORT+ FLOOR CROSS SECTION

ONCE COMFORT + FLOOR IS
IN PLACE ALL AREAS
AROUND THE COMFORT +
FLOOR NEED TO BE
CONCRETED IN AND SCREED
FLUSH WITH THE TOP OF THE
COMFORT + FLOOR CASING.



CONFIRMED

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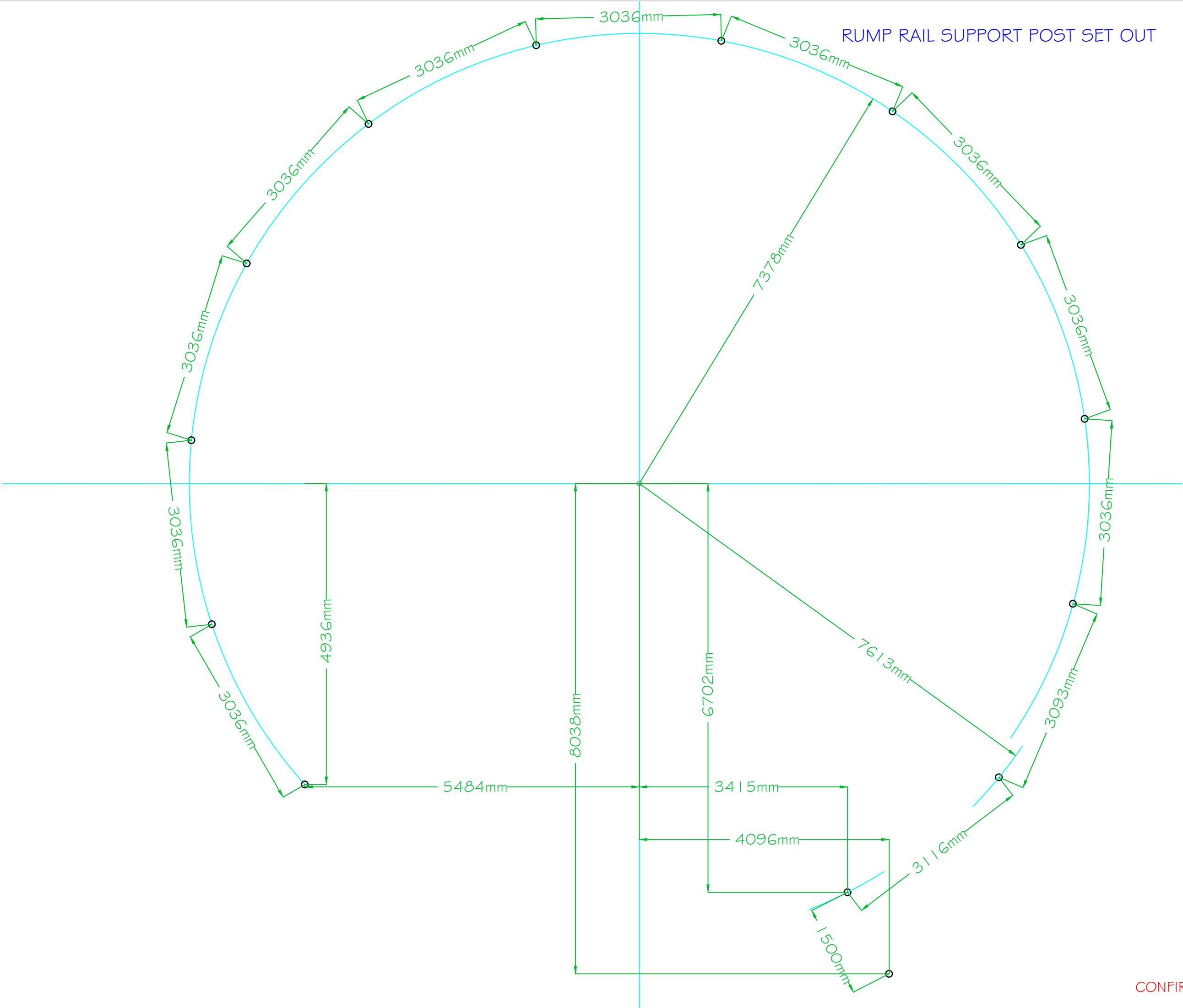
Drawn By: Pdraig Harty

Sales Order #: 72495

No Units: 40

Parlour Type:

Swiftflo Revolver - Anti Clockwise



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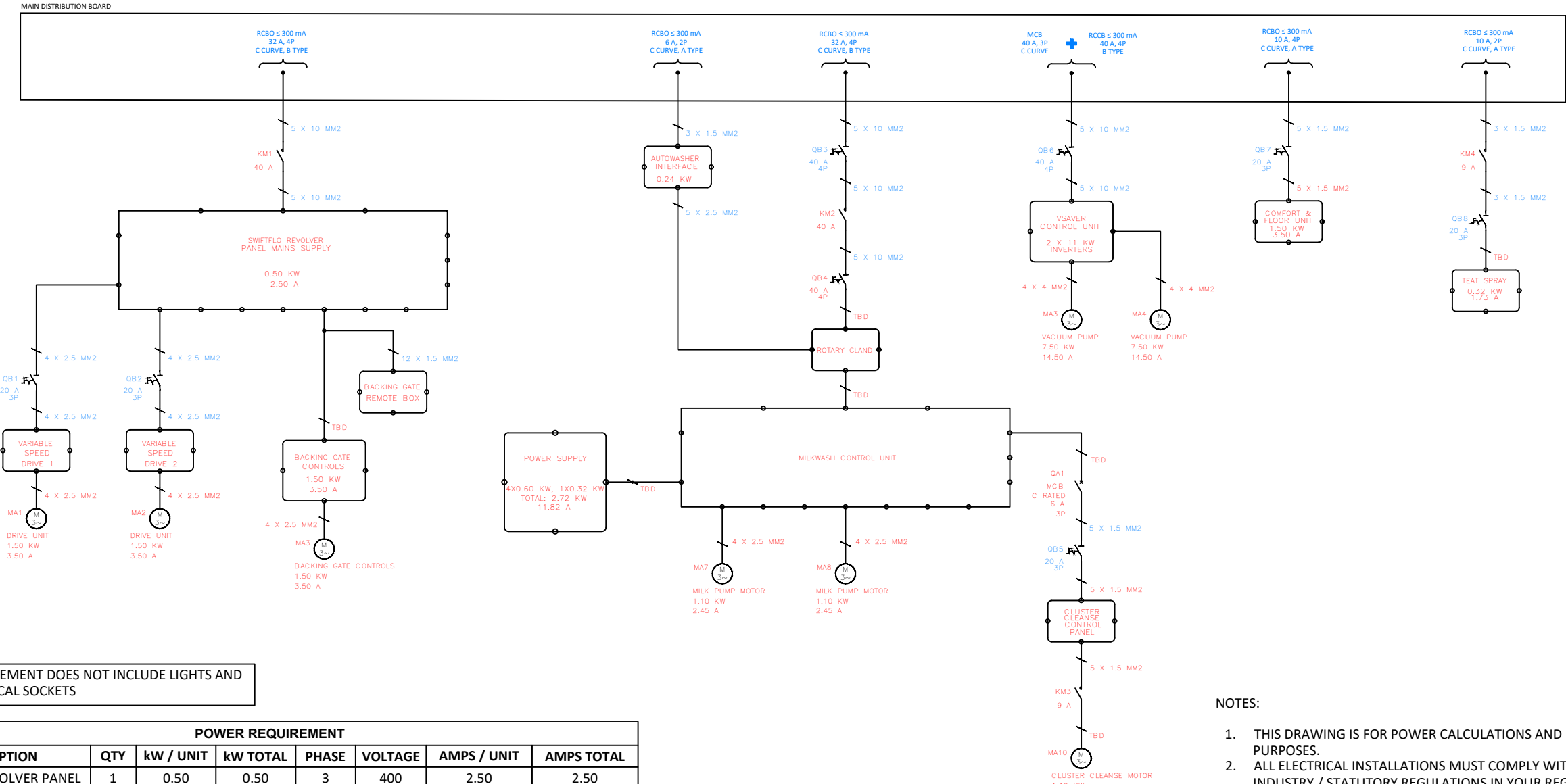
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Country: Poland	
Dealer or Sales Rep: Dairymaster BV	
Drawing Number: PD00-001065-000.dwg	Rev: R1 Sht No: 16
Drawn By: Pdraig Harty	
Sales Order #: 72495	
No Units: 40	
Parlour Type: Swiftflo Revolver - Anti Clockwise	

ELECTRICAL LAYOUT

DAIRYMASTER GMBH, GERMANY

40 UNIT ROTARY PARLOUR

3 PHASE, 380 V - 420 V, AC, 50 HZ



POWER REQUIREMENT DOES NOT INCLUDE LIGHTS AND OTHER ELECTRICAL SOCKETS

POWER REQUIREMENT							
DESCRIPTION	QTY	kW / UNIT	kW TOTAL	PHASE	VOLTAGE	AMPS / UNIT	AMPS TOTAL
SWIFTFLO REVOLVER PANEL	1	0.50	0.50	3	400	2.50	2.50
MILK PUMPS	2	1.10	2.20	3	400	2.45	4.90
CLUSTER CLEANSE	1	1.10	1.10	3	400	2.45	2.45
DRIVE UNIT	2	1.50	3.00	3	400	3.50	7.00
POWER SUPPLY	1	2.72	2.72	1	230	11.82	11.82
VACUUM PUMP	2	7.50	15.00	3	400	14.50	29.00
COMFORT FLOOR	1	1.50	1.50	3	400	3.50	3.50
TEAT SPRAY	1	0.32	0.32	1	230	1.73	1.73
BACKING GATE	1	1.50	1.50	3	400	3.50	3.50
AUTOWASHER & OTHER	1	1.00	1.00	1	230	4.50	4.50
TOTAL			28.84				70.90

SYMBOL DESIGNATORS	
DESIGNATOR	COMPONENT
QA	MCB / RCD / RCBO
KM	CONTACTOR
QB	ISOLATOR, MIN. IP55
MA	MOTOR

NOTES:

- THIS DRAWING IS FOR POWER CALCULATIONS AND REPRESENTATIONAL PURPOSES.
- ALL ELECTRICAL INSTALLATIONS MUST COMPLY WITH THE RELEVANT INDUSTRY / STATUTORY REGULATIONS IN YOUR REGION AND BE CARRIED OUT BY A SUITABLY QUALIFIED PROFESSIONAL.
- RED TEXT: SUPPLIED BY DAIRYMASTER.
- BLUE TEXT: SUPPLIED BY ELECTRICIAN / CONTRACTOR.
- VARIABLE SPEED DRIVES MUST BE PROTECTED BY A 300mA RCD / RCBO. B TYPE ONLY.
- ELECTRONIC BALLAST DRIVEN FLUORESCENT LIGHTS CAN HAVE AN ADVERSE EFFECT ON RFID SYSTEMS.
- THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE LOAD IS BALANCED AS EVENLY AS POSSIBLE.

THIS IS A COLOUR DRAWING

CONFIRMED

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Rev: R1

Sht No: 17

Drawn By: Pdraig Harty

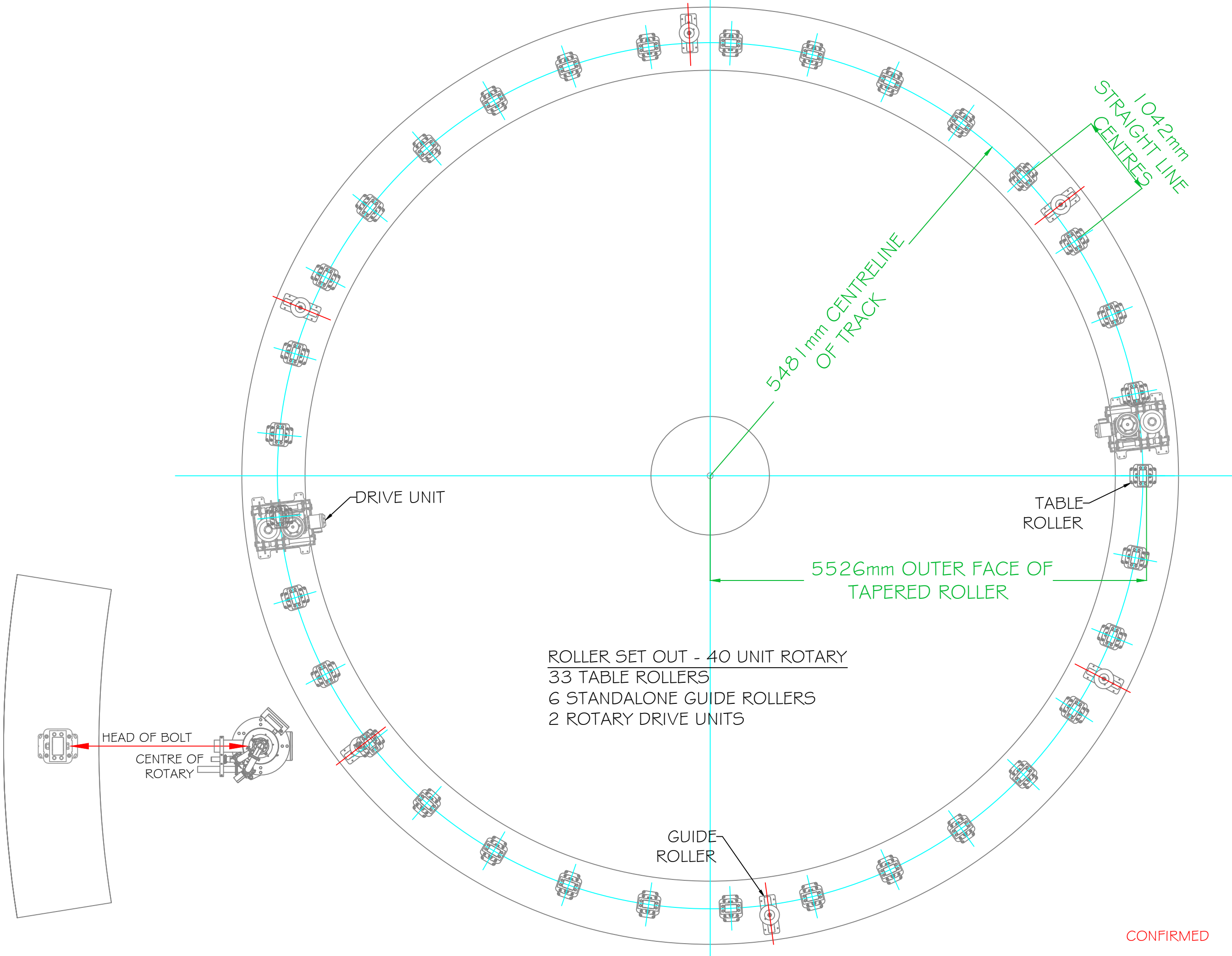
Sales Order #: 72495

No Units: 40

Parlour Type:

Swiftflo Revolver - Anti Clockwise

TABLE ROLLER SET OUT



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No Units: 40	
Parlour Type:	
Swiftflo Revolver - Anti Clockwise	