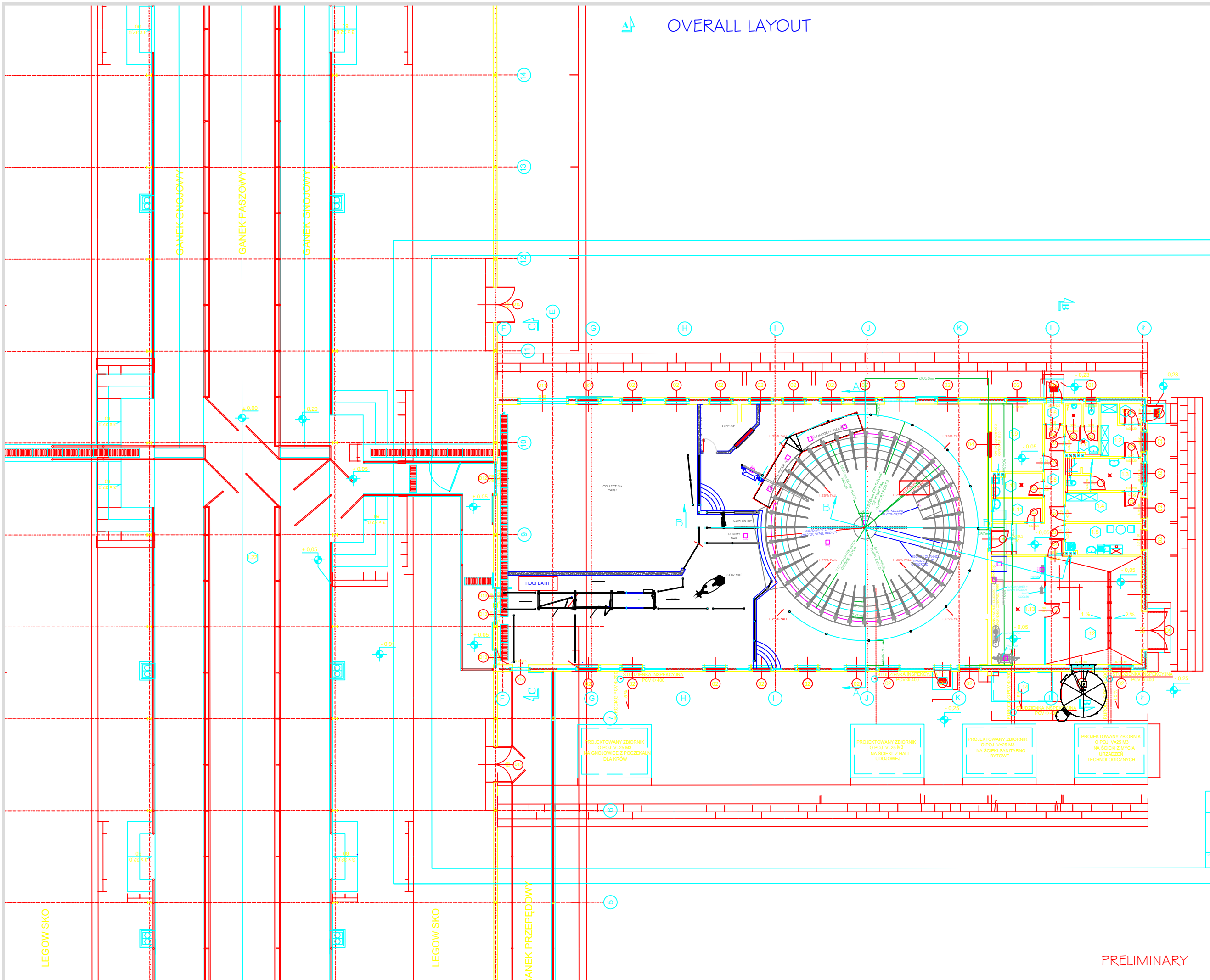


OVERALL LAYOUT



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**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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 62-120  
 Garzyn

Country: Poland

Dealer or Sales Rep:  
 Dairymaster BV

Drawing Number: PD00-001022-000.dwg  
 Rev: R1  
 Sht No: 1

Drawn By: Pdraig Harty

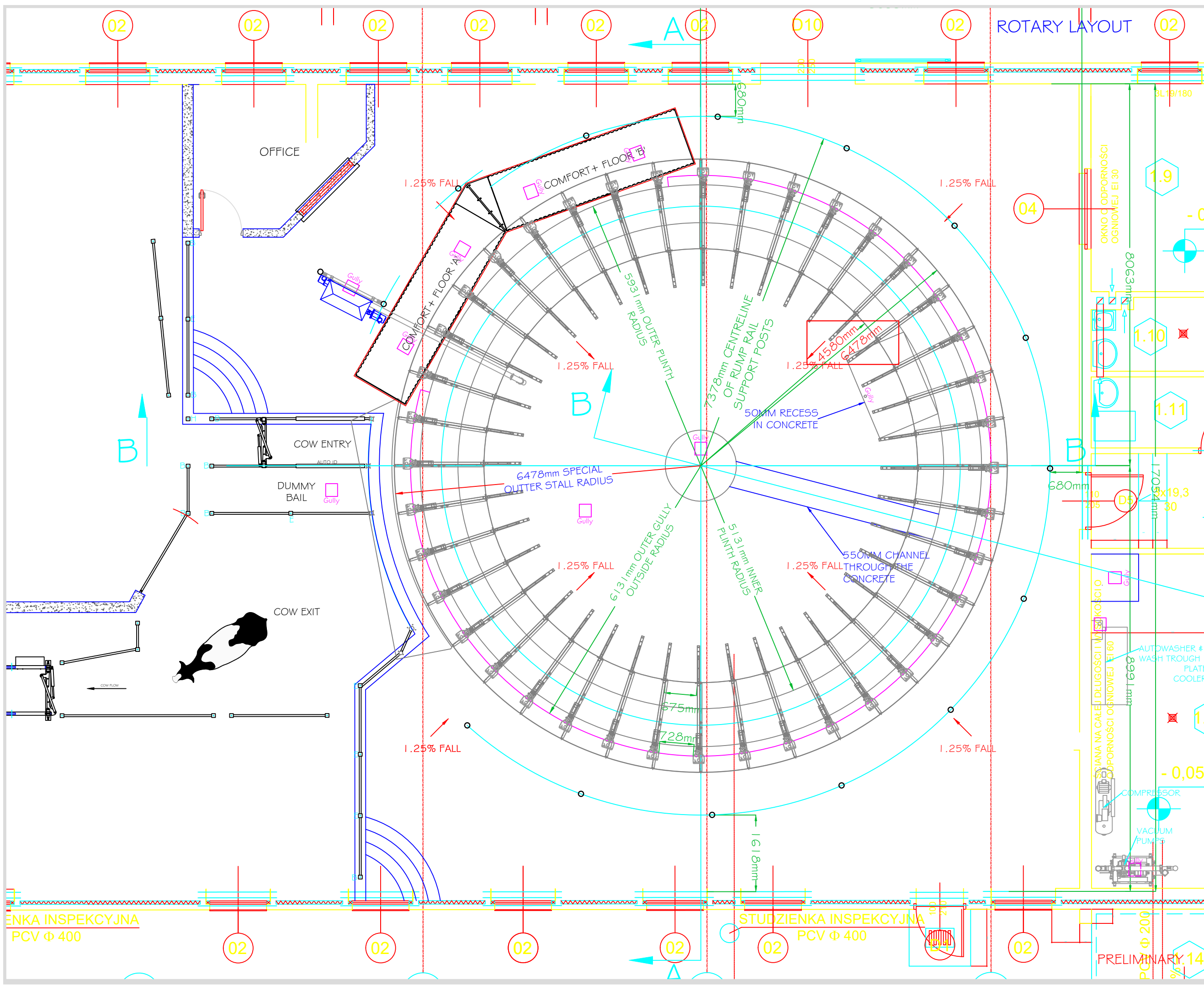
Sales Order #:

No Units: 40

Parlour Type:

Swiftflo Revolver - Clockwise

PRELIMINARY



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Drawing Number: PD00-001022-000.dwg  
 Rev: R1  
 Sht No: 2

Drawn By: Padraig Harty

Sales Order #:

No Units: 40

Parlour Type:  
 Swiftflo Revolver - Clockwise

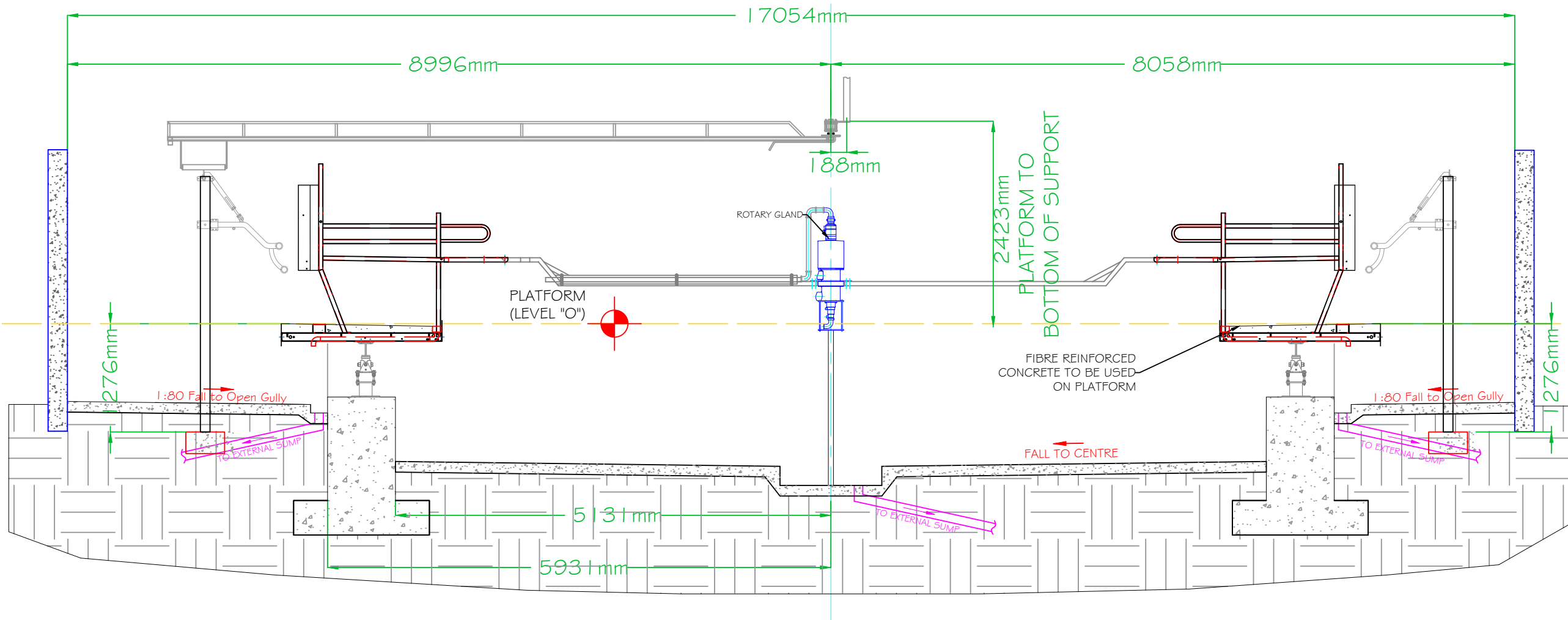
ENKA INSPEKCYJNA  
 PCV Φ 400

STUDZIENKA INSPEKCYJNA  
 PCV Φ 400

PRELIMINARY 14

# 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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Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 3
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Drawn By: Padraig Harty

Sales Order #:

No Units: 40

Parlour Type:

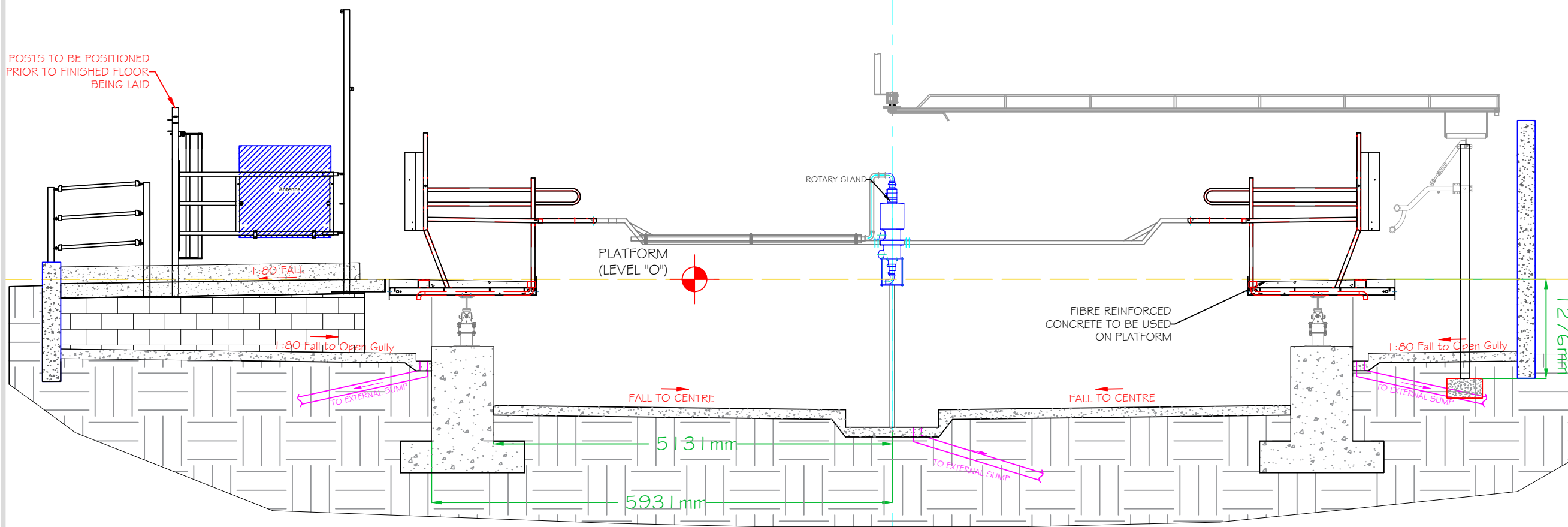
Swiftflo Revolver - Clockwise

PRELIMINARY



# CROSS SECTION B B

**IMPORTANT:**  
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# CROSS SECTION B-B

PRELIMINARY

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Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 4
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Drawn By: Padraig Harty

Sales Order #:

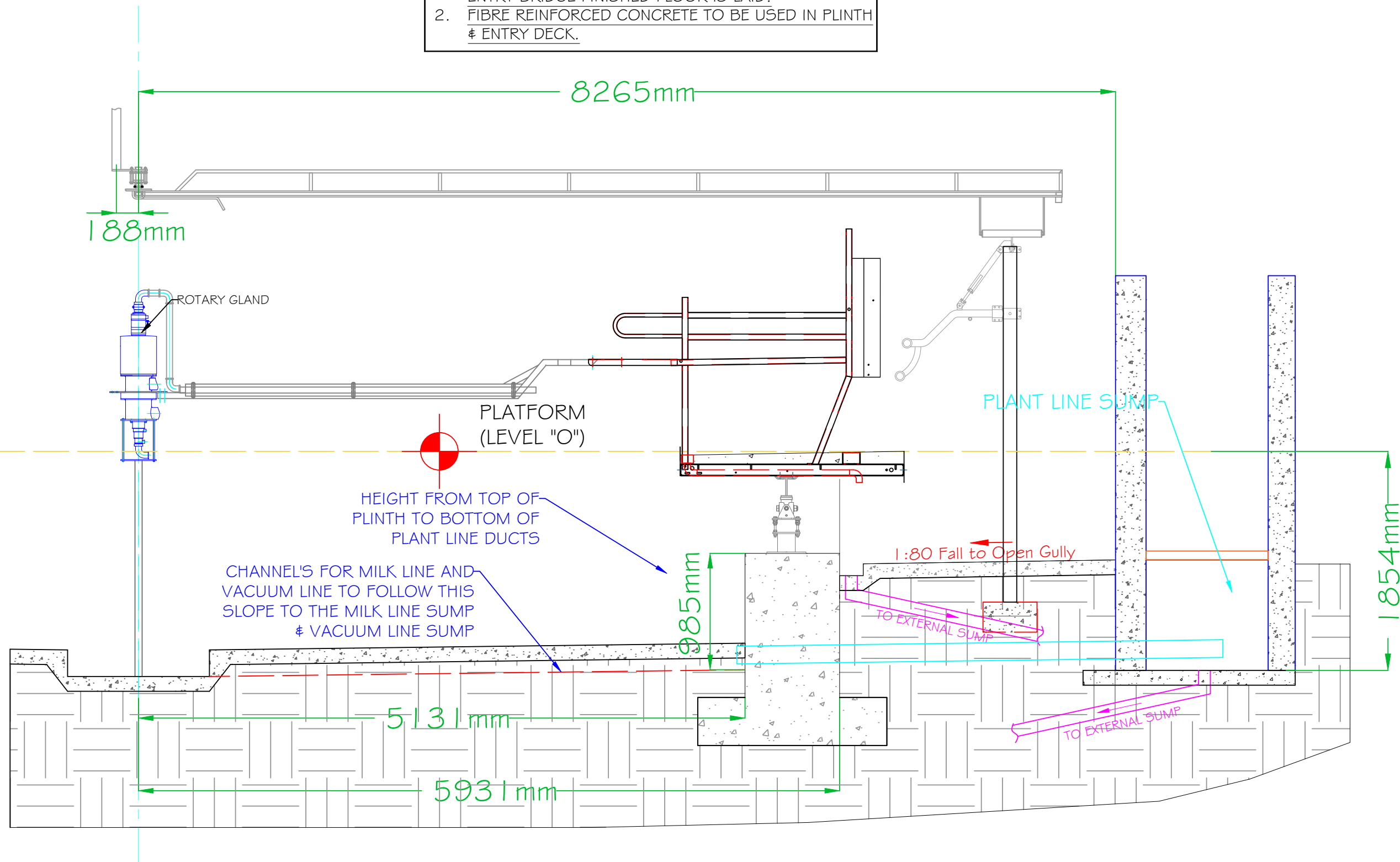
No Units: 40

Parlour Type:

Swiftflo Revolver - Clockwise

# CROSS SECTION C C

- 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.



# CROSS SECTION C-C

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

PRELIMINARY

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Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 5
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Drawn By: Pdraig Harty

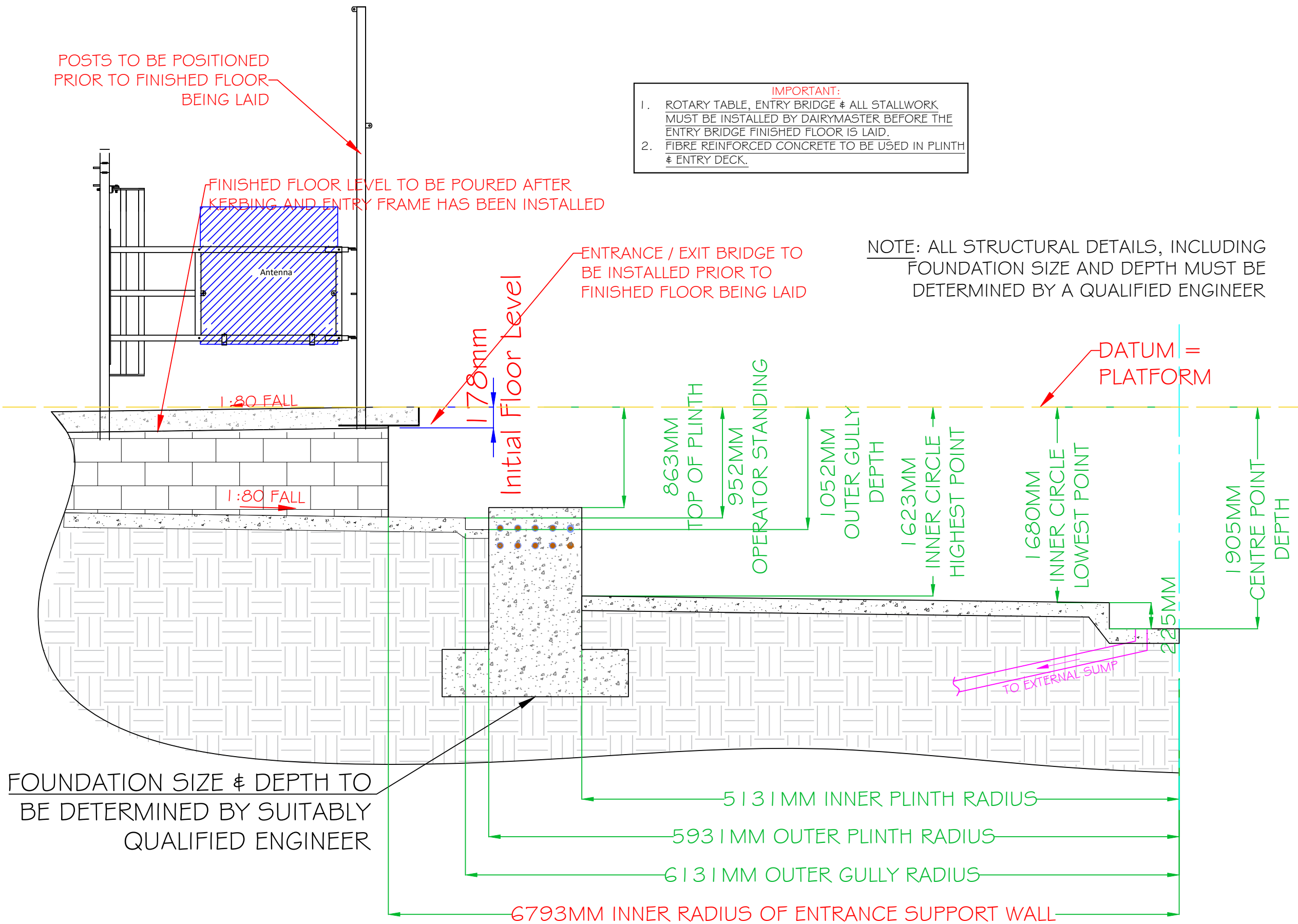
Sales Order #:

No Units: 40

Parlour Type:

Swiftflo Revolver - Clockwise

# CONCRETE LEVELS



**IMPORTANT:**

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Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 6
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Drawn By: Padraig Harty

Sales Order #:

No Units: 40

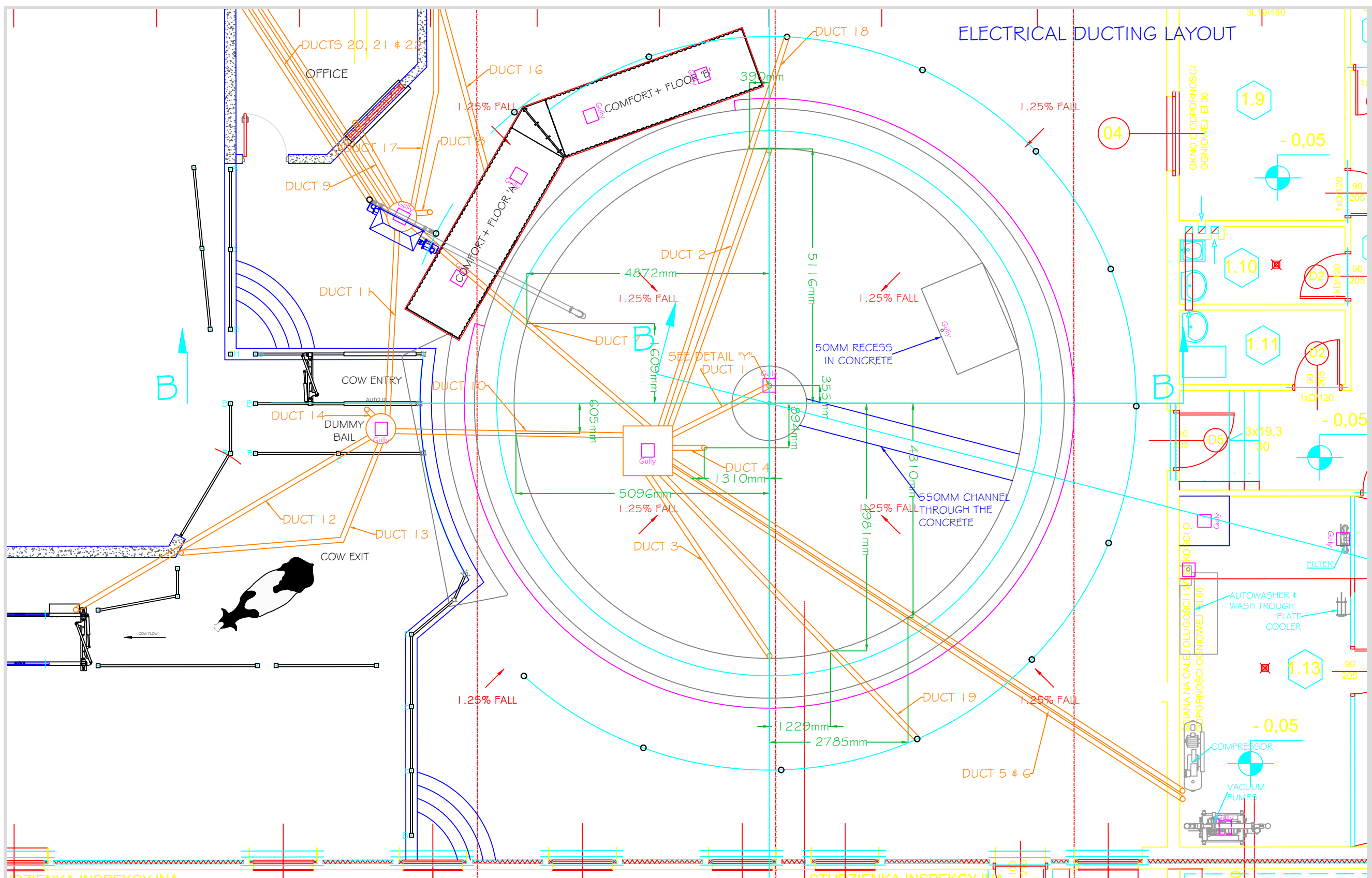
Parlour Type:  
 Swiftflo Revolver - Clockwise

# CONCRETE LEVELS

PRELIMINARY



# ELECTRICAL DUCTING LAYOUT



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 DairyMaster BV

Drawing Number: PD00-001022-000.dwg  
 Rev: R1  
 Sht No: 7

Drawn By: Padraig Harty

Sales Order #:

No Units: 40

Parlour Type:  
 Swiftflo Revolver - Clockwise

## DUCTING DETAILS

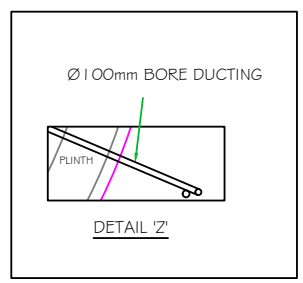
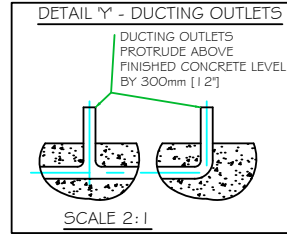
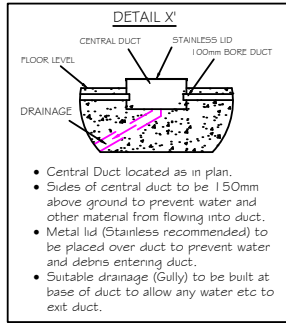
- DUCT 1 - FROM CENTRAL DUCT TO GLAND
- DUCT 2 - FROM CENTRAL DUCT TO DRIVE WHEEL 1
- DUCT 3 - FROM CENTRAL DUCT TO DRIVE WHEEL 2
- DUCT 4 - FROM CENTRAL DUCT TO MONITOR LOCATION
- DUCT 5 - FROM CENTRAL DUCT TO POWER HOUSE
- DUCT 6 - FROM CENTRAL DUCT TO POWER HOUSE
- DUCT 7 - FROM CENTRAL DUCT TO JUNCTION 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 - DUMMY BAIL ON BRIDGE TO DRAFTING
- DUCT 13 - DUMMY BAIL ON BRIDGE TO BACKING GATE
- DUCT 14 - DUMMY BAIL ON BRIDGE TO AUTO ID
- DUCT 15 - CHEMICAL DUCT FROM CHEMICAL STORE TO FRONT OF MILK TANK
- 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

- DUCT 12 - DUMMY BAIL ON BRIDGE TO DRAFTING
- DUCT 13 - DUMMY BAIL ON BRIDGE TO BACKING GATE
- DUCT 14 - DUMMY BAIL ON BRIDGE TO AUTO ID
- DUCT 15 - CHEMICAL DUCT FROM CHEMICAL STORE TO FRONT OF MILK TANK
- 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

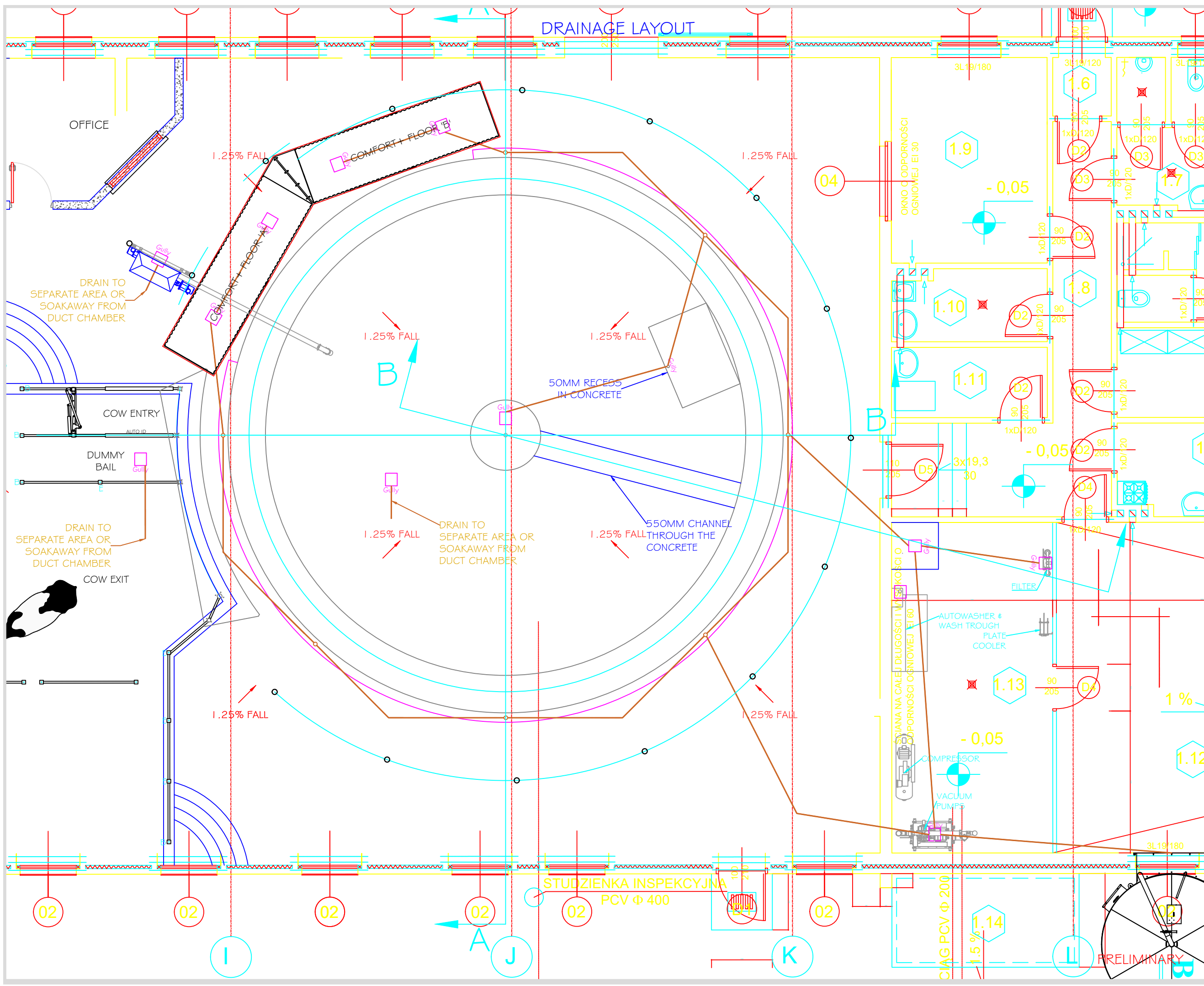
**USE LONG RADIUS BENDS ON ALL DUCTS**

## 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.



PRELIMINARY



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 Garzyn

Country: Poland  
 Dealer or Sales Rep:  
 DairyMaster BV

Drawing Number: PD00-001022-000.dwg  
 Rev: R1  
 Sht No: 8

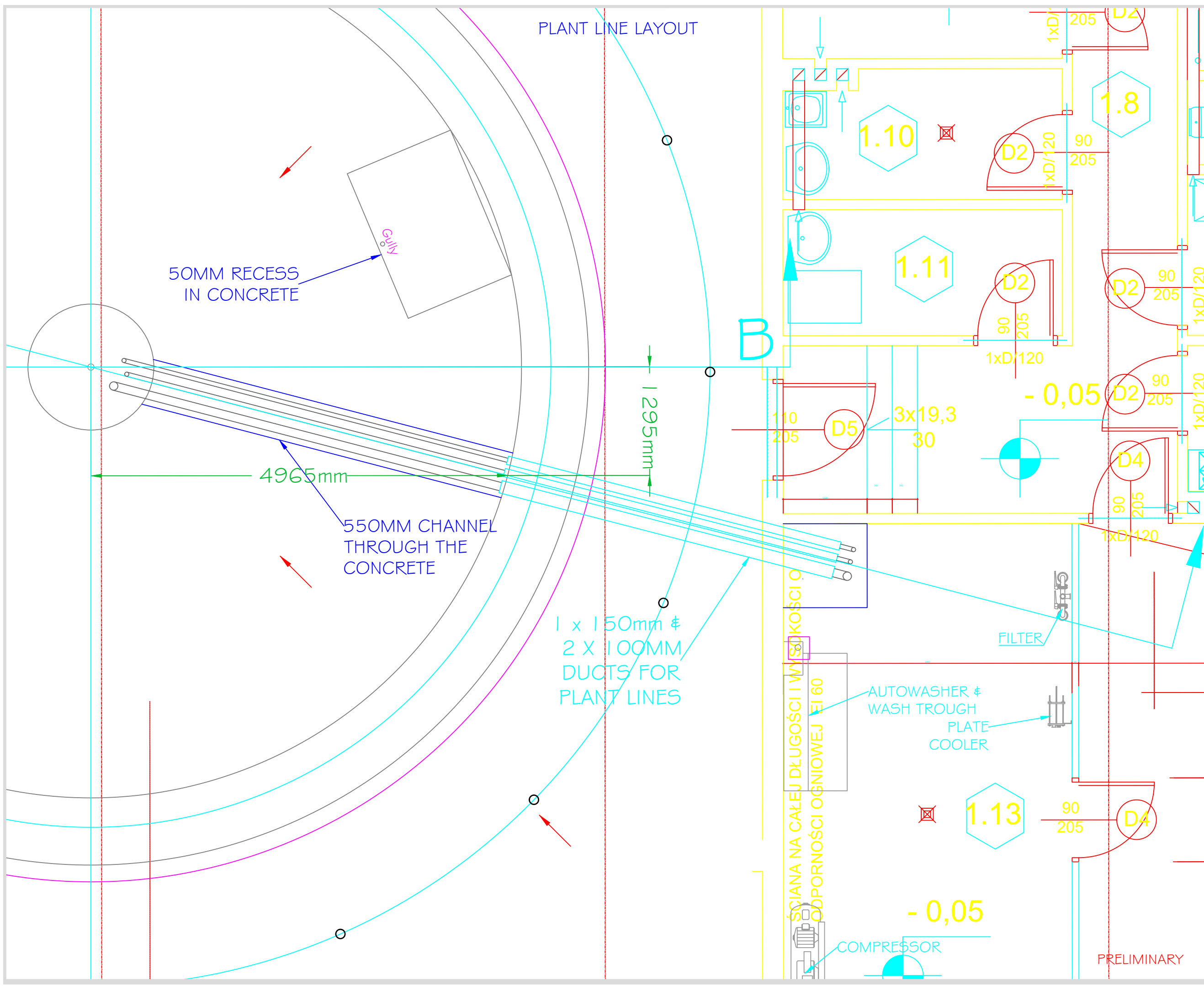
Drawn By: Padraig Harty

Sales Order #:

No Units: 40

Parlour Type:  
 Swiftflo Revolver - Clockwise





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Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 9
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Drawn By: Padraig Harty

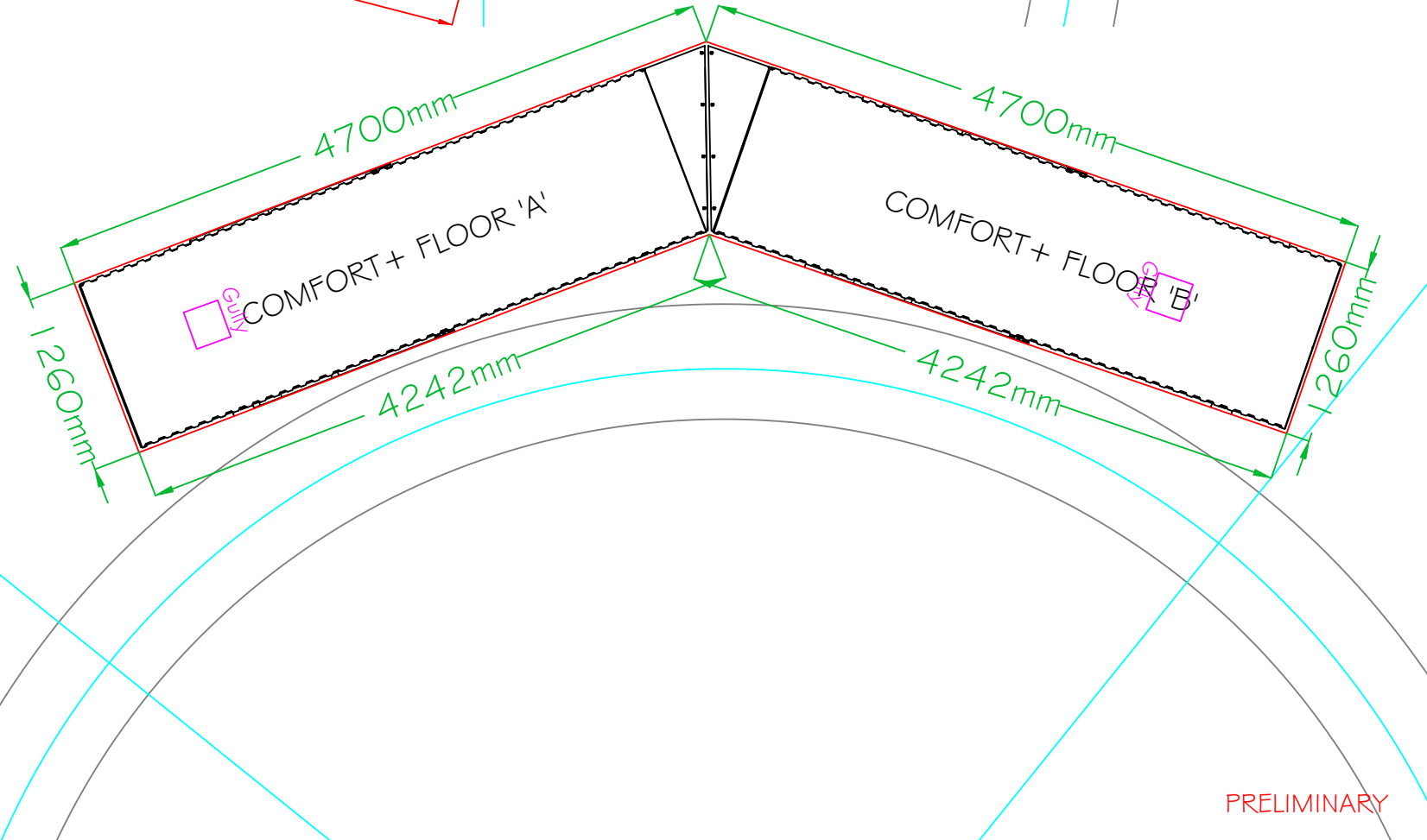
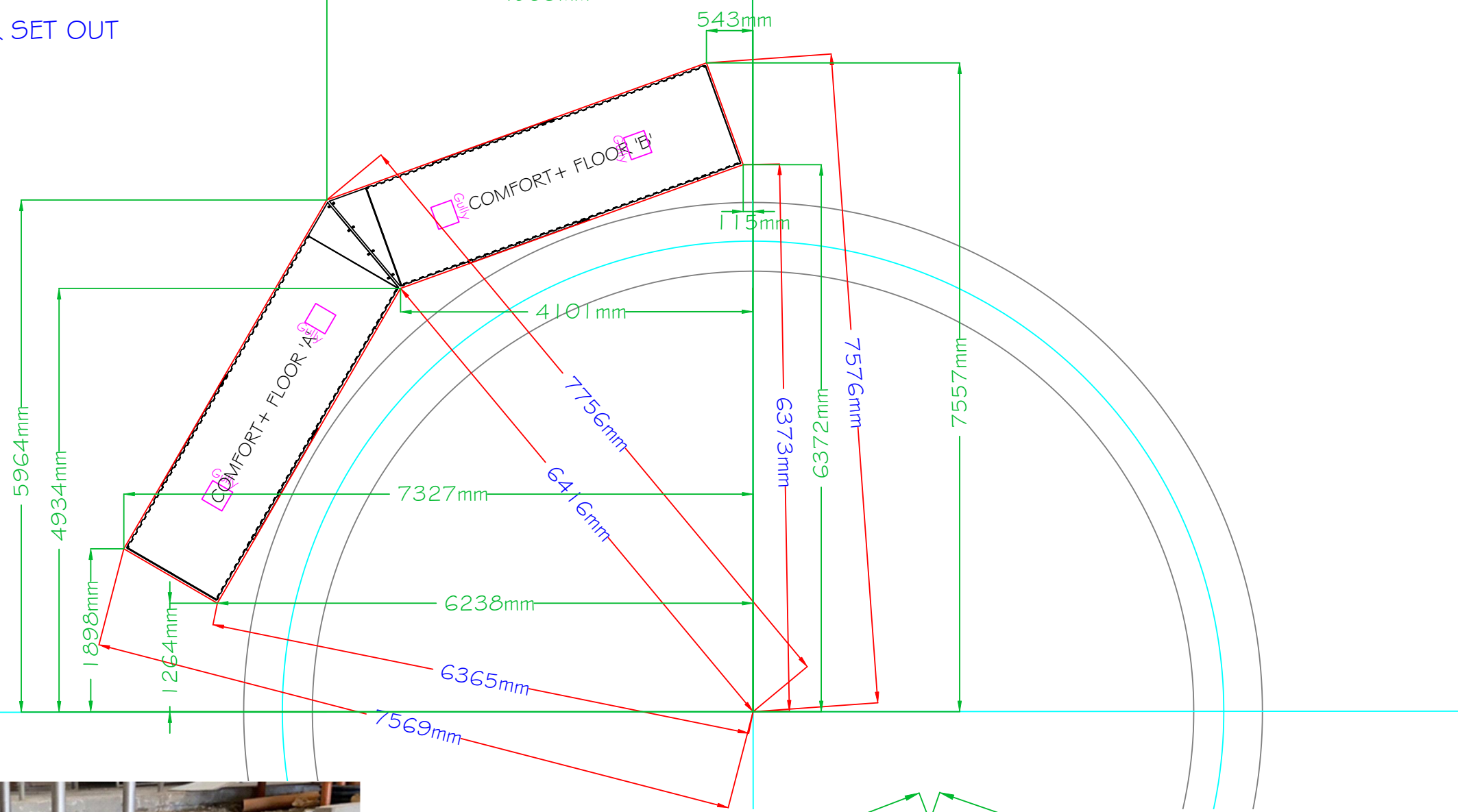
Sales Order #:

No Units: 40

Parlour Type:  
 Swiftflo Revolver - Clockwise

PRELIMINARY

COMFORT + FLOOR SET OUT



PRELIMINARY

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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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 62-120  
 Garzyn

Country: Poland

Dealer or Sales Rep:  
 Dairymaster BV

Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 10
--	-----------------------

Drawn By: Padraig Harty

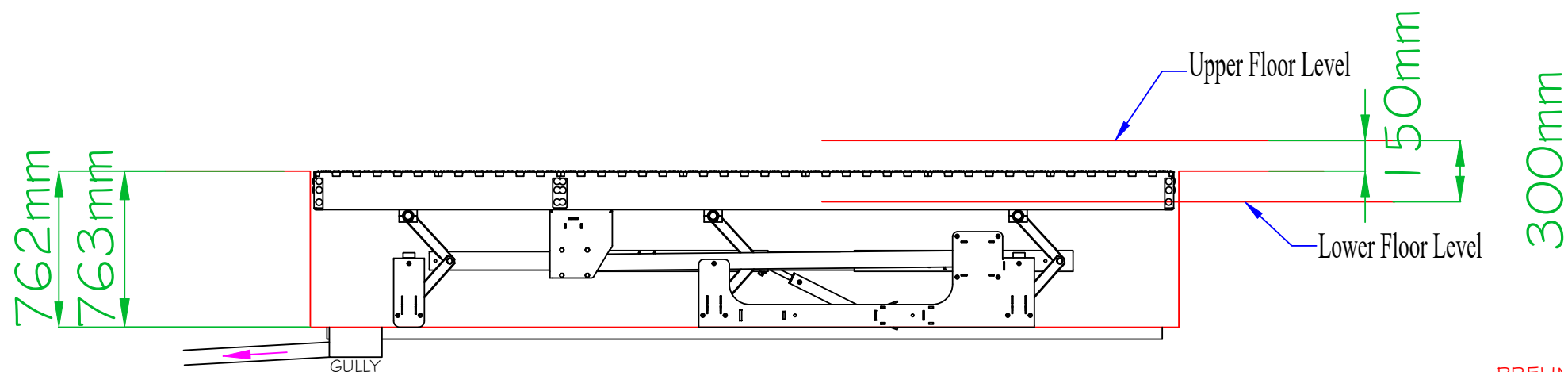
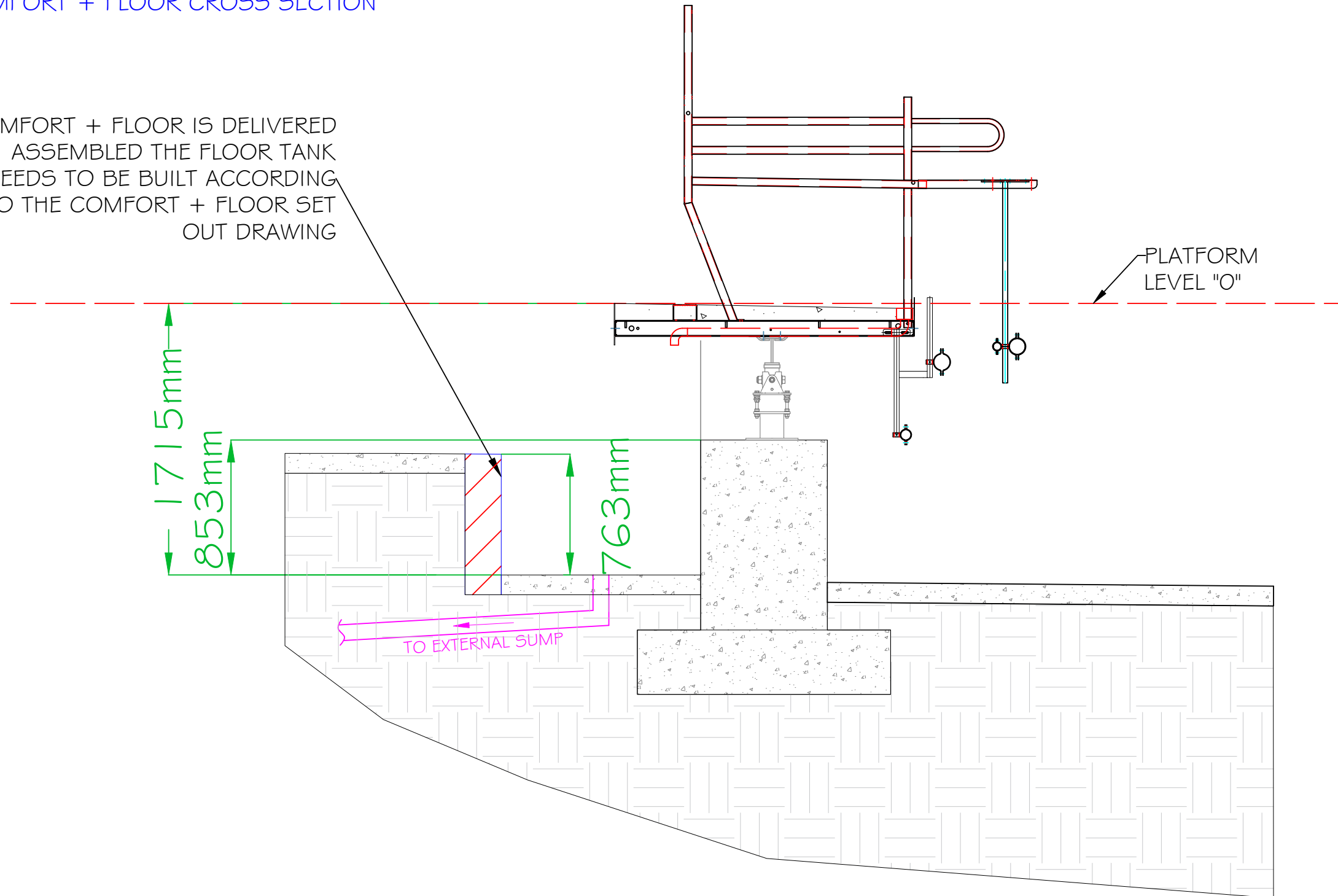
Sales Order #:

No Units: 40

Parlour Type:  
 Swiftflo Revolver - Clockwise

# COMFORT + FLOOR CROSS SECTION

COMFORT + FLOOR IS DELIVERED ASSEMBLED THE FLOOR TANK NEEDS TO BE BUILT ACCORDING TO THE COMFORT + FLOOR SET OUT DRAWING



PRELIMINARY

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Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 11
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Drawn By: Padraig Harty

Sales Order #:

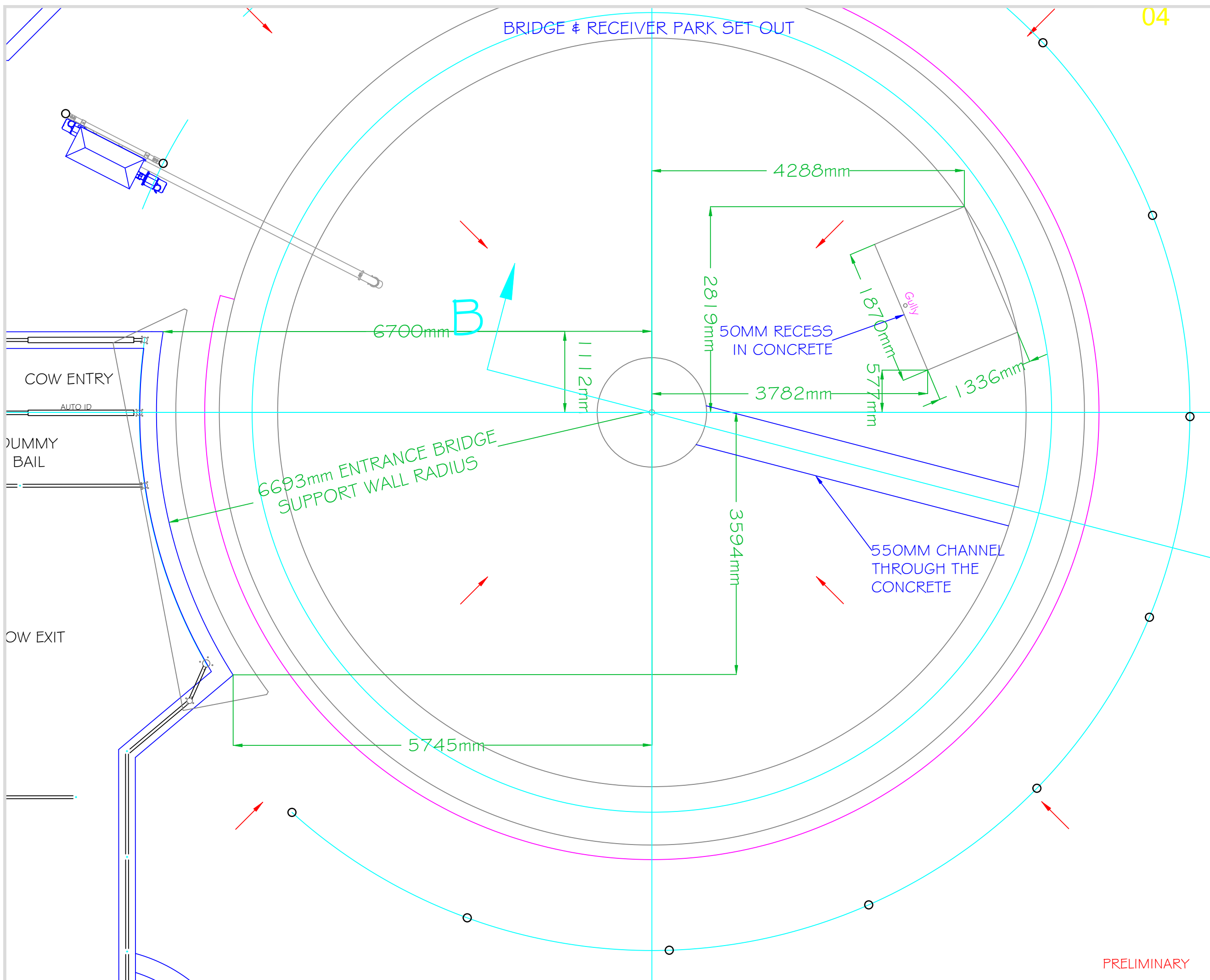
No Units: 40

Parlour Type:

Swiftflo Revolver - Clockwise



BRIDGE & RECEIVER PARK SET-OUT



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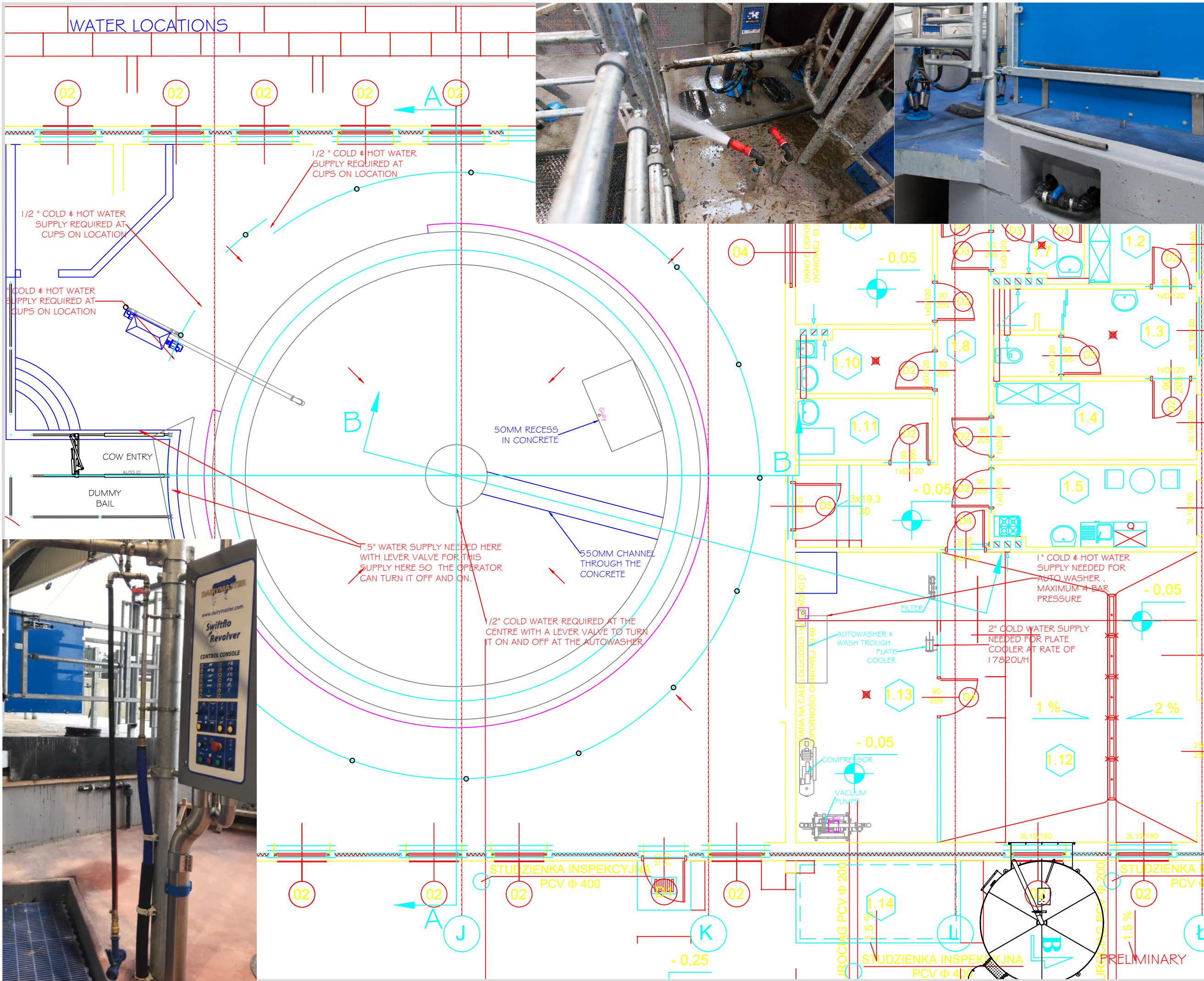
Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 12
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Drawn By: Padraig Harty

Sales Order #:  
 No Units: 40

Parlour Type:  
 Swiftflo Revolver - Clockwise

PRELIMINARY



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Drawing Number: PD00-001022-000.dwg  
 Rev: R1  
 Sht No: 13

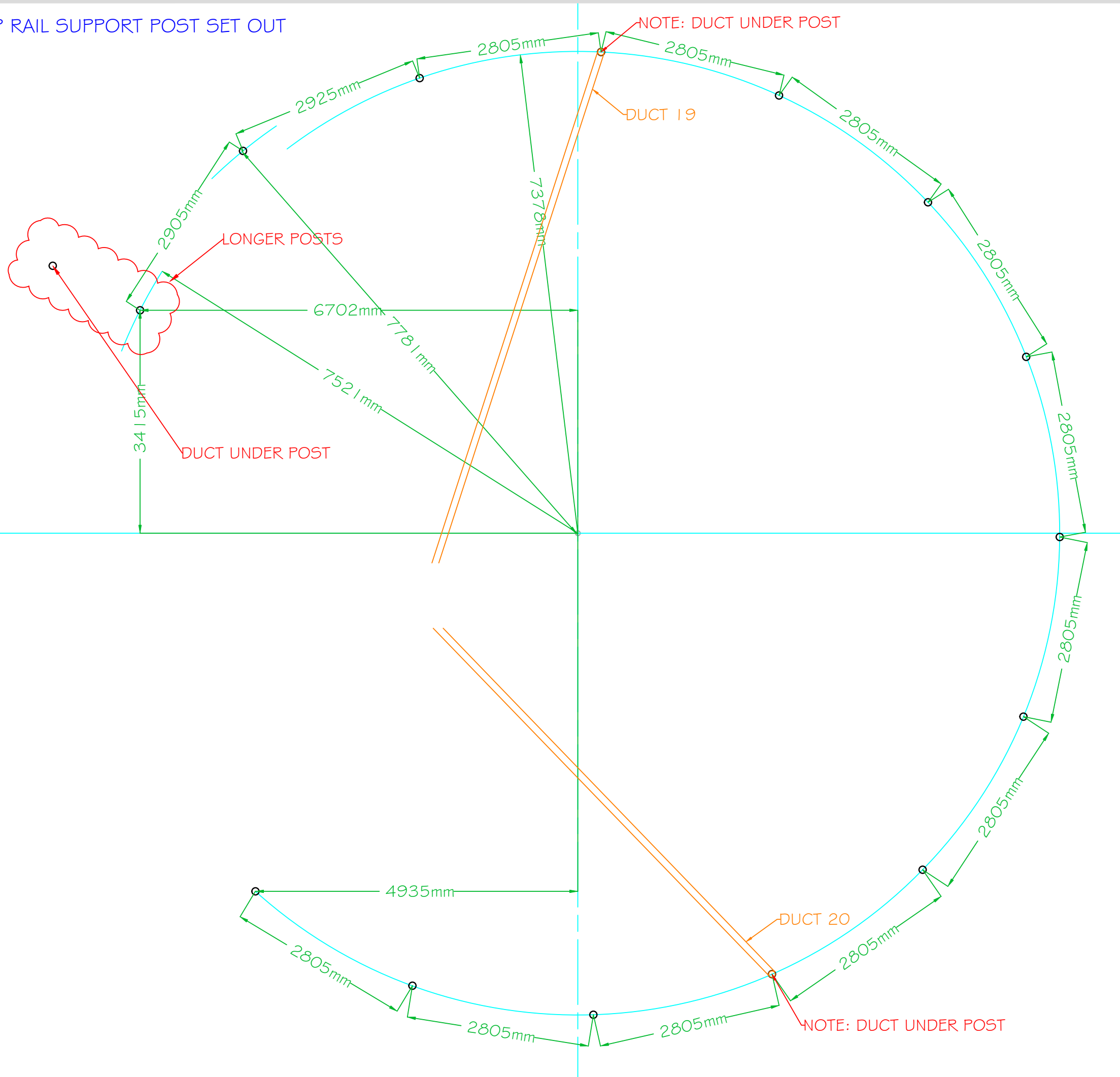
Drawn By: Padraig Harty

Sales Order #:  
 No Units: 40

Parlour Type:  
 Swiftflo Revolver - Clockwise



# RUMP RAIL SUPPORT POST SET OUT



PRELIMINARY

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Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 14
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Drawn By: Padraig Harty

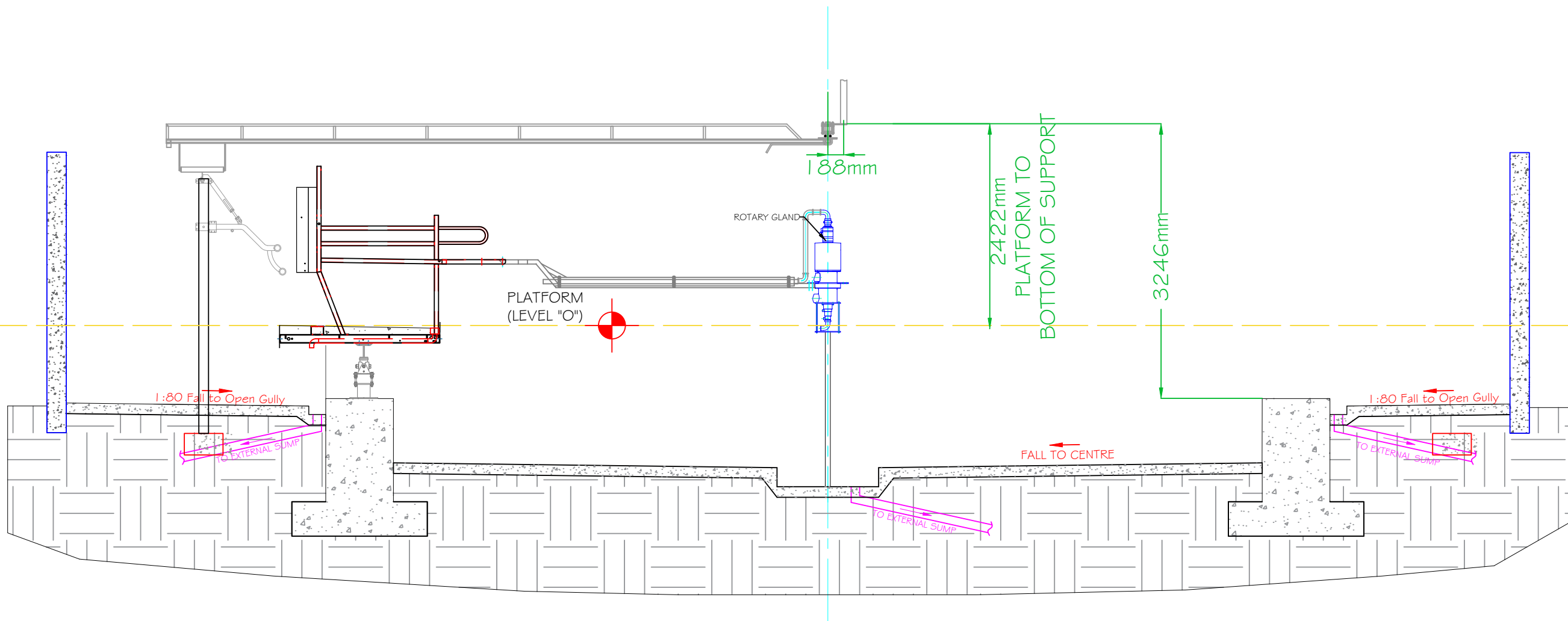
Sales Order #:

No Units: 40

Parlour Type:  
 Swiftflo Revolver - Clockwise



# WASH BOOM SUPPORT CROSS SECTION



PRELIMINARY

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Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 15
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Drawn By: Pdraig Harty

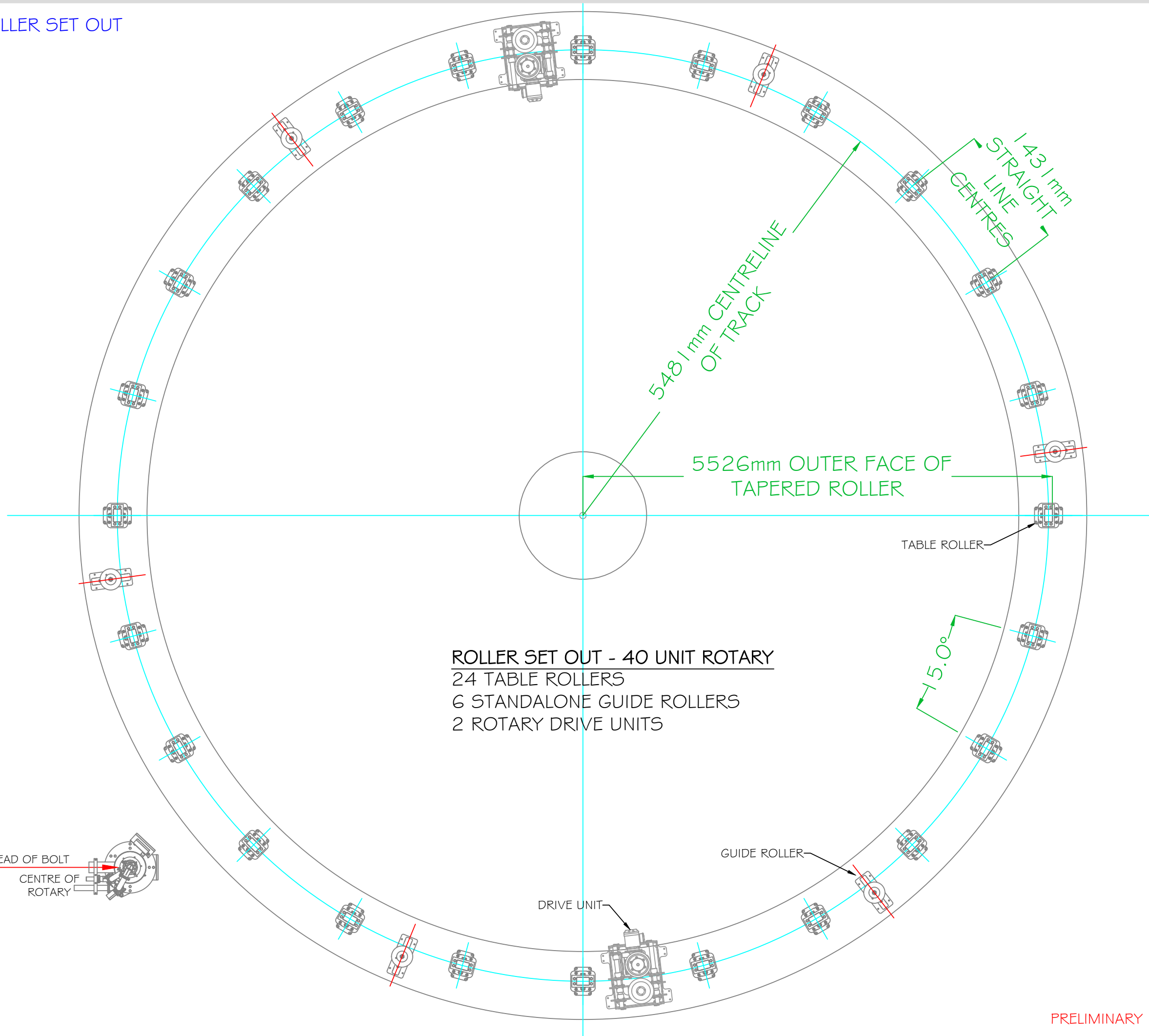
Sales Order #:

No Units: 40

Parlour Type:

Swiftflo Revolver - Clockwise

TABLE ROLLER SET OUT



**ROLLER SET OUT - 40 UNIT ROTARY**  
 24 TABLE ROLLERS  
 6 STANDALONE GUIDE ROLLERS  
 2 ROTARY DRIVE UNITS

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Drawing Number: PD00-001022-000.dwg	Rev: R1 Sht No: 16
--	-----------------------

Drawn By: Padraig Harty

Sales Order #:

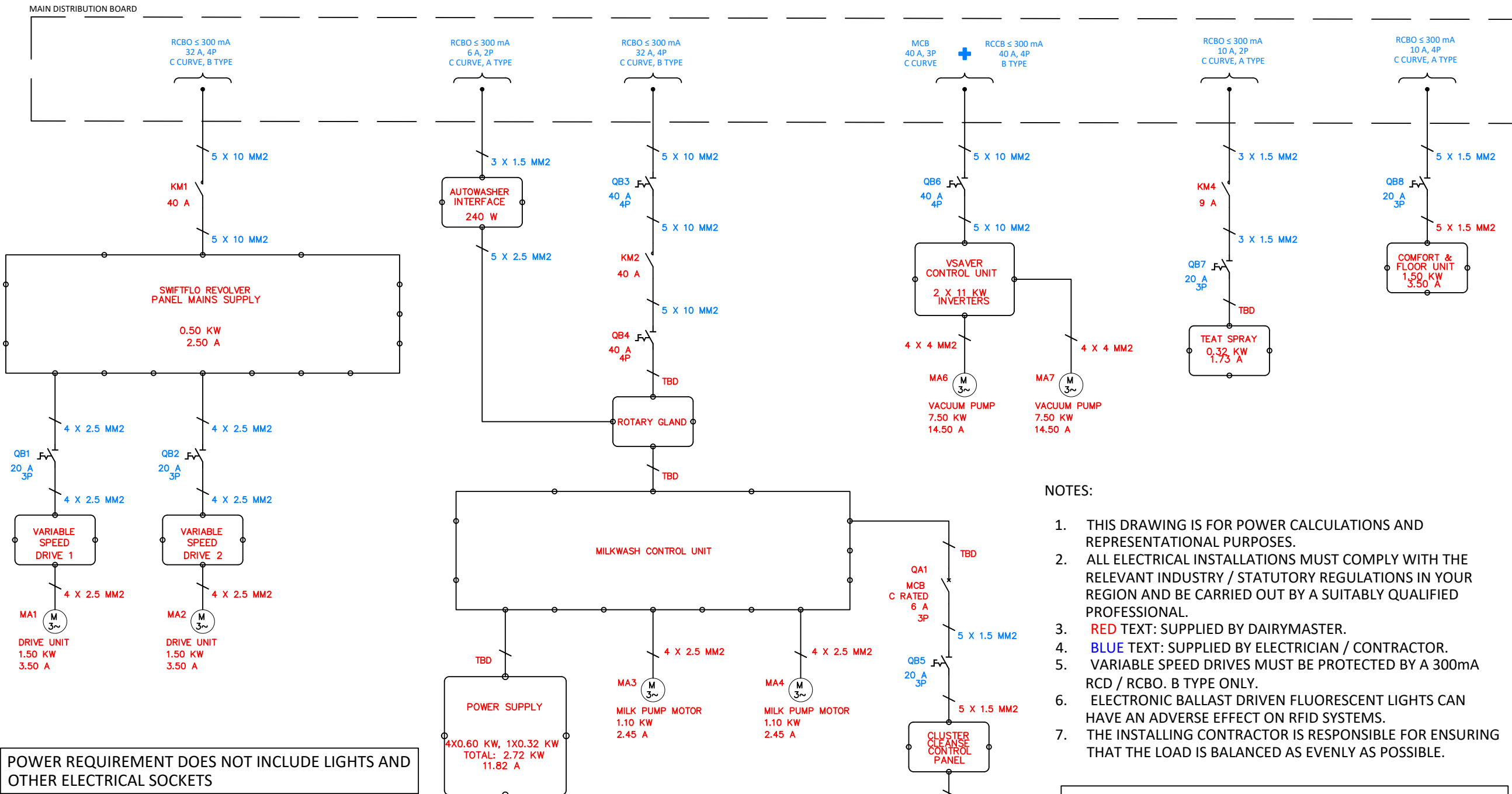
No Units: 40

Parlour Type:

Swiftflo Revolver - 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
AUTOWASHER & OTHER	1	1.00	1.00	1	230	4.50	4.50
<b>TOTAL</b>			<b>27.34</b>				<b>67.40</b>

### 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

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

PRELIMINARY

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Country: Poland

Dealer or Sales Rep:  
DairyMaster BV

Drawing Number: PD00-001022-000.dwg  
Rev: R1  
Sht No: 17

Drawn By: Padraig Harty

Sales Order #:

No Units: 40

Parlour Type:  
Swiftflo Revolver - Clockwise