

CABLE LIST				
CBL	MFG	CAT	DESC1	DESC2
CBL10291	TURCK	RKC 4T-3	HOUSELOCK	PROX

ITEMS	PART NUMBER	CATALOG	MFG	DESCRIPTION	QTY
1		HDP26-24-33PN-L017	DEUTSCH	HDP20 33 POS PLUG N-SEAL WITH ADAPTER RING	1
2	19202410	0460-010-20141	DEUTSCH	COMMON CONTACT PIN	33
3	19211498	2428-010-2405	DEUTSCH	HDP20 SIZE 24 BACKSHELL 180 DEG	1
4		RKC 4T-3	TURCK		1
5	19203787	DT06-4S-C015	DEUTSCH	DT PLUG	1
6	19201195	W4S-ZZ	DEUTSCH	WEDGELOCK	1
7	19200028	0462-201-16141	DEUTSCH	COMMON CONTACT SOCKET	40
8	19207047	1011-263-0405	DEUTSCH	DT06-4S BACKSHELL	1
9	19203911	FJ1939202-001	NORTHWIRE	SHIELDED TWISTED PAIR - J1939/11	1
10	19203776	DT06-2S-C015	DEUTSCH	DT PLUG	18
11	19205195	W2S	DEUTSCH	WEDGELOCK	18
12	19202492	1011-344-0205	DEUTSCH	DT THERMOPLASTIC DUST CAP FOR DT06-2S	2
13	19240919	ZVK	LUMBERG	M12 DUST COVER WITH EXTERNAL THREADS	1

- NOTES:
- CONTACT ENGINEERING REGARDING ANY QUESTIONS, CLARIFICATIONS, OR REQUESTED DEVIATIONS.
 - HARNESS WIRING IS TO BE COVERED WITH BRAIDED EXPANDABLE PLASTIC SLEEVING.

GENERAL HARNESS CONSTRUCTION:

- LABEL WIRES EVERY 4" USING HOT STAMP OR INKJET MARKING WITH WIRE NUMBER AS INDICATED
- TEST PER GS TEST PROCEDURE SPECIFIED IN THE AUDIT CHECKLIST
- HARNESS TO FOLLOW GENERAL PRACTICES OF IPC/WHMA-A-620B
- ALL WIRE IS TYPE TXL UNLESS OTHERWISE SPECIFIED
- APPLY SECONDARY LOCKS & SEALS WHERE APPLICABLE
- CONNECTOR VIEWS ARE WIRE INSERTION SIDE UNLESS OTHERWISE NOTED

- SUPPLIER TO APPLY LABELS TO ALL CONNECTORS DESIGNATED WITH J****, P****, OR OTHER CONNECTOR TAG AND INCLUDE THE NAME (EX. "P5201 LEFT JOYSTICK")
- IF WIRE TIES ARE REQUIRED, APPLY APPROXIMATELY 2" BEFORE TERMINATING CONNECTOR
- ALL "CANH-x" AND "CANL-x" WIRES SHALL BE TWISTED PAIR, 0.67 TO 0.91 TWISTS PER INCH (REFERENCE SAE J1939-15).
- SPLICES MUST BE SOLDERED OR ULTRASONIC WELDED. OFFSET SPLICES TO AVOID THICKNESS BUILD-UP.

CREATED DRAWING						A
REVISION DESCRIPTION						REV
	BDELAAT	12-21-2022	BDELAAT	12-21-2022	ECO	

RELEASED

12-21-2022

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

WIRE LENGTH TOLERANCES
SPEC. = IPC/WHMA-A-620B

THIRD ANGLE
PROJECTION

FRACTIONS ± 1/16in ± 1.59mm

TOLERANCES ON DECIMALS:

1 PLACE 2 PLACE 3 PLACE

in ± .030 ± .010 ± .005

mm ± .76 ± .25 ± .13

ANGULAR DIMENSIONS ± 1 DEG

DIMENSIONS IN () ARE REFERENCE

REMOVE BURRS

BREAK EDGES 0.01IN 0.25MM MAX

MAX SURFACE ROUGHNESS 125√

ORIGINATED BY: RWESSEL

ORIGINATION DATE: 11-7-2022

PROJECT ENGINEER: BDELAAT


ACCOUNT MANAGER: MKAJA

MATERIAL: N/A

COATING/PLATING: N/A

CUSTOMER PART NUMBER: 03029361

ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC.



GLOBAL
RESOURCES

MUKWONAGO, WI 53149

DRAWING TITLE:
**ROTATOR
MAIN VALVE HARNESS
ASSEMBLY DRAWING**

SHT SIZE: D

DRAWING NUMBER: 20088762

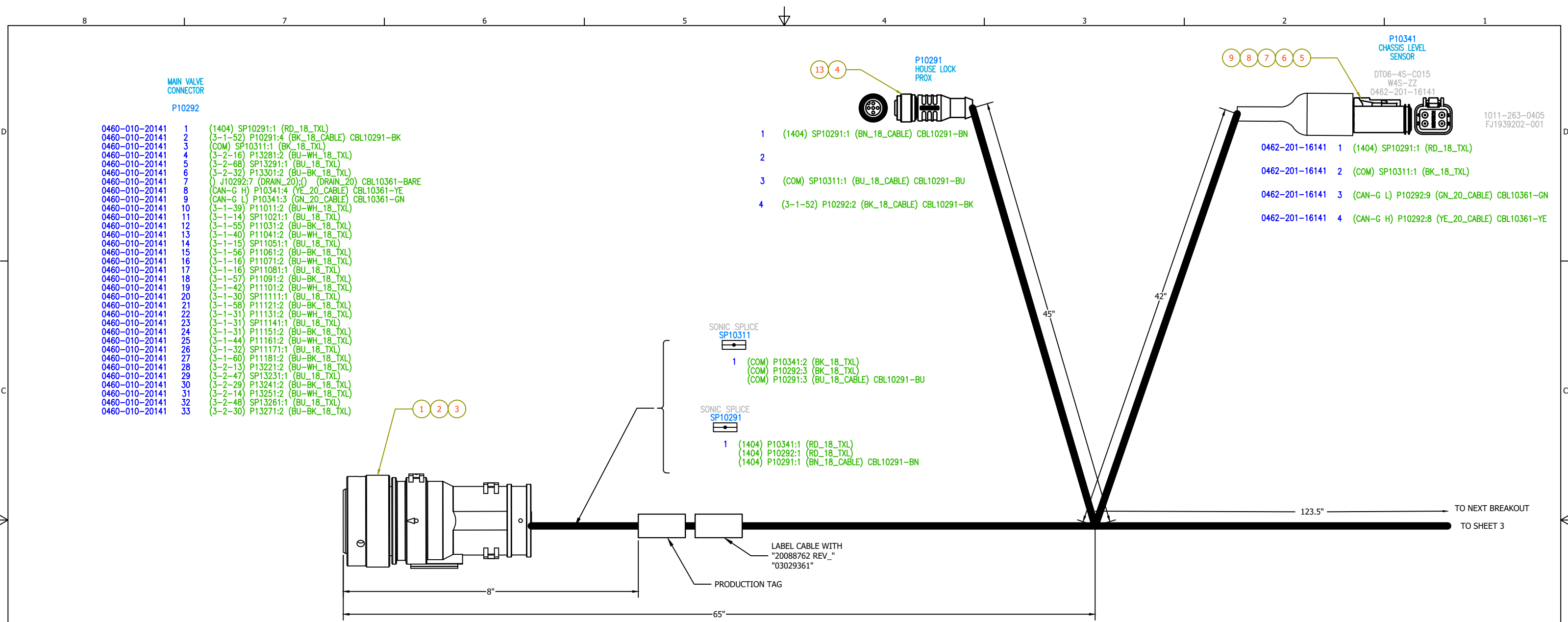
REV: A

DRAWING REFERENCE: 20088762

PLOT SCALE: NONE

SHEET INFO: 1 OF 4

TITLE BLOCK REVISION DATE: 5-5-2021



NOTE:
CONTACT ENGINEERING REGARDING ANY QUESTIONS,
CLARIFICATIONS, OR REQUESTED DEVIATIONS

WIRE ANNOTATION LEGEND:
PIN TERMINAL (WIRE NO.), DESTINATION:TERMINAL (WIRE COLOR-GAUGE) CABLE NO. -TWISTED PAIR IF APPLICABLE

PRODUCTION TAG DETAILS: LABELS WILL CONTAIN THE FOLLOWING INFORMATION:

ITEM DESC. LINE 1
ITEM DESC. LINE 2

Part No. GSYYPPP-SSSS REV. R
Serial No. YYDDD-BBB
I.D. No. VVVVV-XXXXXXXXX-III

1. ITEM DESC. LINE 1

2. ITEM DESC. LINE 2

3. GSYYPPP-SSSS REV. R

4. YYDDD-BBB

5. VVVVV-XXXXXXXXX-III

1.) FIRST LINE PRODUCT DESCRIPTION

2.) SECOND LINE PRODUCT DESCRIPTION

3.) YY --> PRODUCT YEAR; PPP --> PROJECT; SSSS --> SUB-PROJECT; R --> REVISION LEVEL

4.) YY --> YEAR OF MANUFACTURE; DDD--> SEQUENTIAL DAY OF YEAR; BBB --> SERIAL NUMBER WITHIN BATCH

5.) VVVVV --> VENDOR ID or XXXXXXX --> WORKER ID or III --> INITIALS

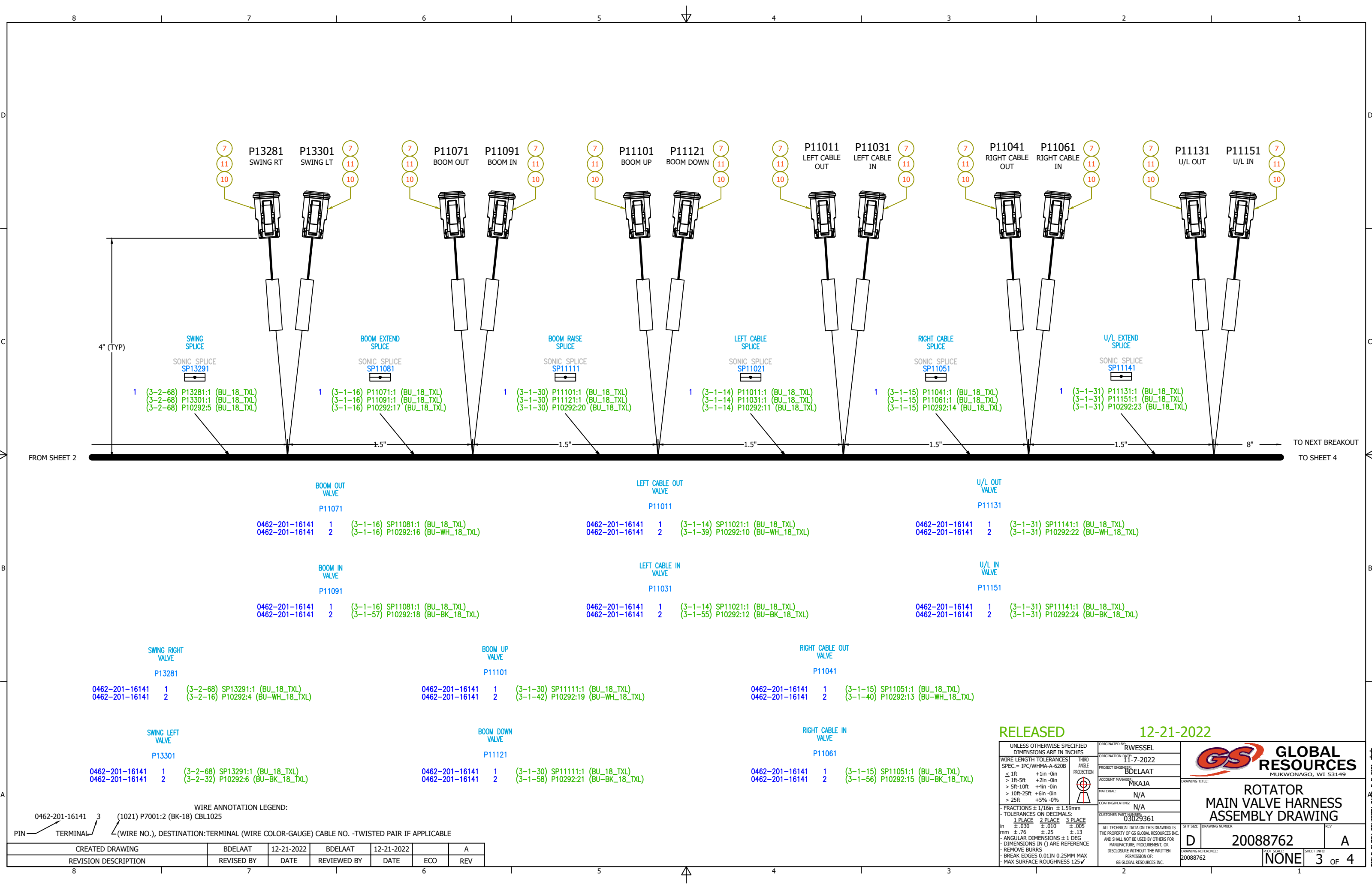
CREATED DRAWING	BDELAAT	12-21-2022	BDELAAT	12-21-2022		A
REVISION DESCRIPTION	REVISED BY	DATE	REVIEWED BY	DATE	ECO	REV

RELEASED

12-21-2022

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINATED BY: RWESSEL	
WIRE LENGTH TOLERANCES SPEC. = IPC/WHMA-A-620B		ORIGINATION DATE: 11-7-2022	
THIRD ANGLE PROJECTION		PROJECT ENGINEER: BDELAAT	
≤ 1ft +1in -0in		ACCOUNT MANAGER: MKAJA	
> 1ft-5ft +2in -0in		MATERIAL: N/A	
> 5ft-10ft +4in -0in		COATING/PLATING: N/A	
> 10ft-25ft +6in -0in		CUSTOMER PART NUMBER: 03029361	
> 25ft +5% -0%		ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC.	
- FRACTIONS ± 1/16in ± 1.59mm		SHEET SIZE: D	
- TOLERANCES ON DECIMALS:		DRAWING NUMBER: 20088762	
1 PLACE ± .030		REV: A	
2 PLACE ± .010		DRAWING REFERENCE: 20088762	
3 PLACE ± .005		PLOT SCALE: NONE	
in ± .76		SHEET INFO: 2 OF 4	
mm ± .25			
- ANGULAR DIMENSIONS ± 1 DEG			
- DIMENSIONS IN () ARE REFERENCE			
- REMOVE BURRS			
- BREAK EDGES 0.01IN 0.25MM MAX			
- MAX SURFACE ROUGHNESS 125✓			

TITLE BLOCK REVISION DATE: 5-5-2021



WIRE ANNOTATION LEGEND:

PIN

TERMINAL

(1021) P7001:2 (BK-18) CBL1025

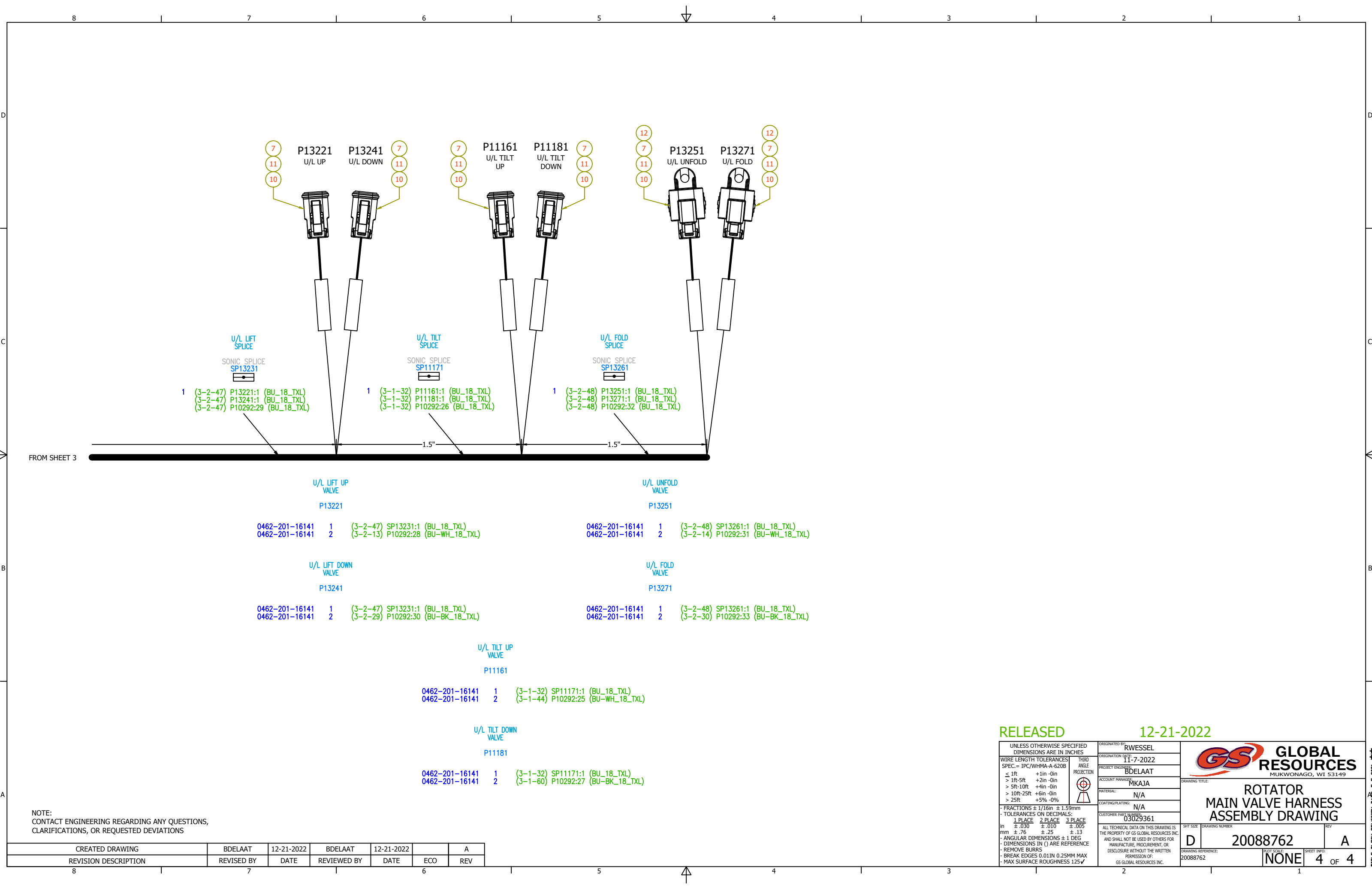
(WIRE NO.), DESTINATION:TERMINAL (WIRE COLOR-GAUGE) CABLE NO. -TWISTED PAIR IF APPLICABLE

CREATED DRAWING	BDELAAT	12-21-2022	BDELAAT	12-21-2022		A
REVISION DESCRIPTION	REVISED BY	DATE	REVIEWED BY	DATE	ECO	REV

RELEASED12-21-2022

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINATED BY: RWESSEL	
WIRE LENGTH TOLERANCES SPEC. = IPC/WHMA-A-620B		ORIGINATION DATE: 11-7-2022	
THIRD ANGLE PROJECTION		PROJECT ENGINEER: BDELAAT	
≤ 1ft +1in -0in		ACCOUNT MANAGER: MKAJA	
> 1ft-5ft +2in -0in		MATERIAL: N/A	
> 5ft-10ft +4in -0in		COATING/PLATING: N/A	
> 10ft-25ft +6in -0in		CUSTOMER PART NUMBER: 03029361	
> 25ft +5% -0%		ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC.	
- FRACTIONS ± 1/16in ± 1.59mm		SHT SIZE: D DRAWING NUMBER: 20088762 REV: A	
- TOLERANCES ON DECIMALS:		DRAWING REFERENCE: 20088762 PLOT SCALE: NONE SHEET INFO: 3 OF 4	
1 PLACE ±.030 2 PLACE ±.010 3 PLACE ±.005			
in ±.76 mm ±.25			
- ANGULAR DIMENSIONS ± 1 DEG			
- DIMENSIONS IN () ARE REFERENCE			
- REMOVE BURRS			
- BREAK EDGES 0.011in 0.25mm MAX			
- MAX SURFACE ROUGHNESS 125✓			


TITLE BLOCK REVISION DATE: 5-5-2021



NOTE:
CONTACT ENGINEERING REGARDING ANY QUESTIONS,
CLARIFICATIONS, OR REQUESTED DEVIATIONS

CREATED DRAWING	BDELAAT	12-21-2022	BDELAAT	12-21-2022		A
REVISION DESCRIPTION	REVISED BY	DATE	REVIEWED BY	DATE	ECO	REV

RELEASED12-21-2022

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINATED BY: RWESSEL		 GLOBAL RESOURCES MUKWONAGO, WI 53149	
WIRE LENGTH TOLERANCES SPEC. = IPC/WHMA-A-620B		ORIGINATION DATE: 11-7-2022			
THIRD ANGLE PROJECTION		PROJECT ENGINEER: BDELAAT			
		ACCOUNT MANAGER: MKAJA			
≤ 1ft +1in -0in > 1ft-5ft +2in -0in > 5ft-10ft +4in -0in > 10ft-25ft +6in -0in > 25ft +5% -0%				MATERIAL: N/A	
- FRACTIONS ± 1/16in ± 1.59mm - TOLERANCES ON DECIMALS: 1 PLACE ± .030 2 PLACE ± .010 3 PLACE ± .005				COATING/PLATING: N/A	
in ± .030 mm ± .76				CUSTOMER PART NUMBER: 03029361	
- ANGULAR DIMENSIONS ± 1 DEG - DIMENSIONS IN () ARE REFERENCE - REMOVE BURRS - BREAK EDGES 0.01IN 0.25MM MAX - MAX SURFACE ROUGHNESS 125✓				ALL TECHNICAL DATA ON THIS DRAWING IS THE PROPERTY OF GS GLOBAL RESOURCES INC. AND SHALL NOT BE USED BY OTHERS FOR MANUFACTURE, PROCUREMENT, OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF: GS GLOBAL RESOURCES INC.	
		D		DRAWING REFERENCE: 20088762	
		NONE		SHEET INFO: 4 OF 4	

TITLE BLOCK REVISION DATE: 5-5-2021