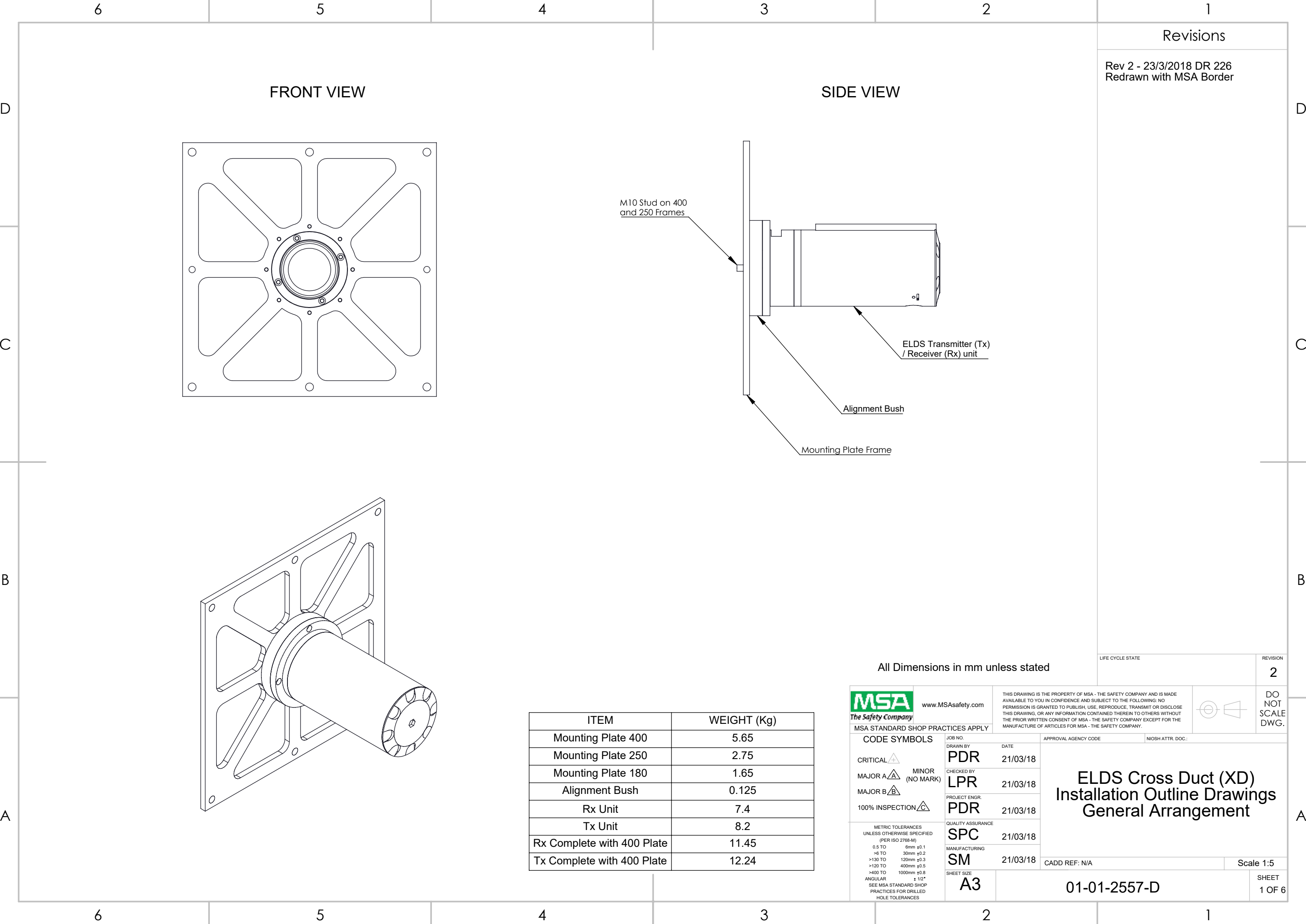




Revisions

Rev 2 - 23/3/2018 DR 226
Redrawn with MSA Border

LIFE CYCLE STATE REVISION

2

All Dimensions in mm unless stated

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MSA STANDARD SHOP PRACTICES APPLY

CODE SYMBOLS
CRITICAL 
MAJOR A  MINOR (NO MARK)
MAJOR B 
100% INSPECTION 
METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M)
0.5 TO 6mm ±0.1
>6 TO 30mm ±0.2
>130 TO 120mm ±0.3
>120 TO 400mm ±0.5
>400 TO 1000mm ±0.8
ANGULAR ± 1/2°
SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES

JOB NO.
DRAWN BY
PDR
CHECKED BY
LPR
PROJECT ENGR.
PDR
QUALITY ASSURANCE
SPC
MANUFACTURING
SM
SHEET SIZE
A3

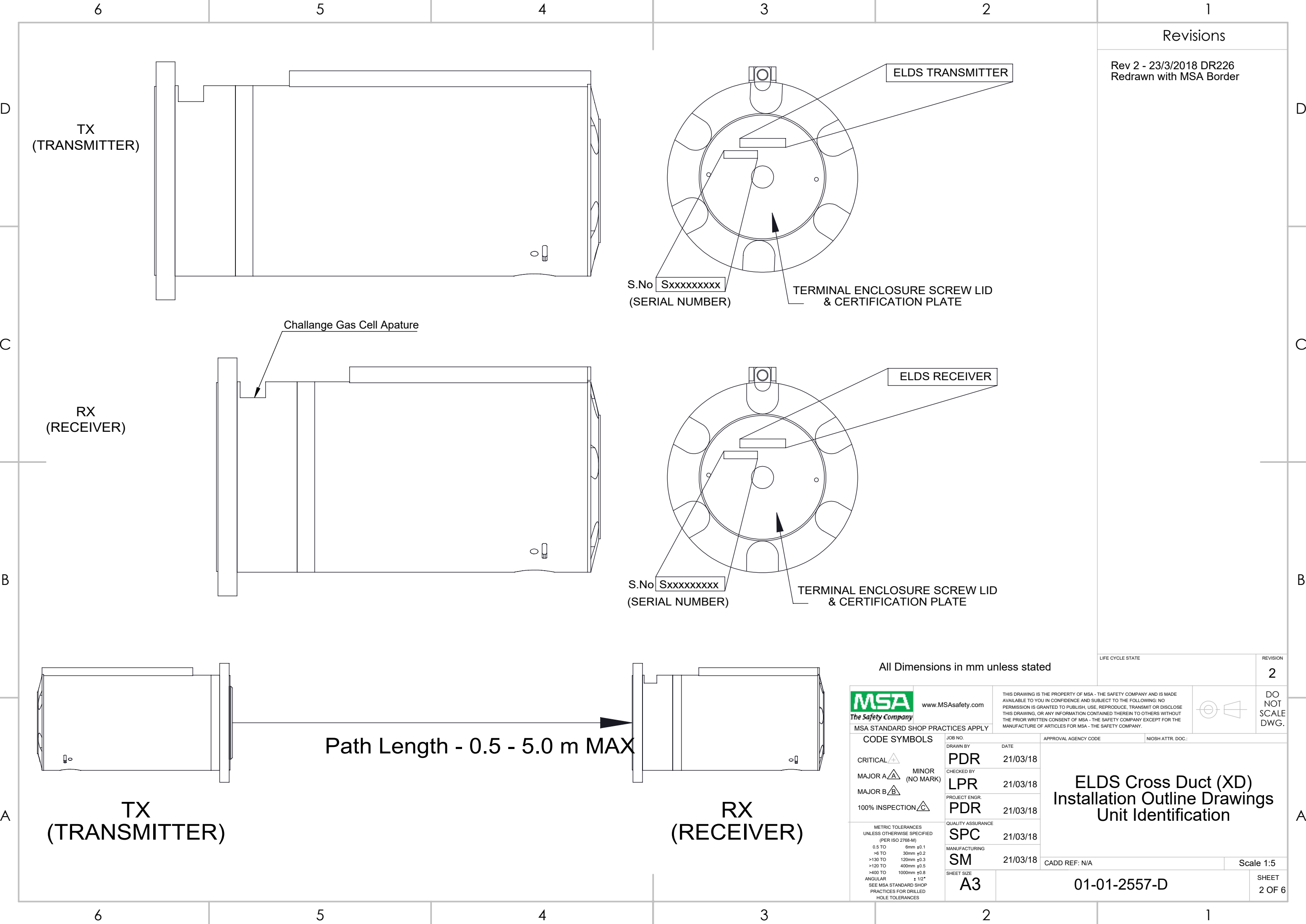
DATE
21/03/18
21/03/18
21/03/18
21/03/18
21/03/18

APPROVAL AGENCY CODE
NOSH ATTR. DOC.:
**ELDS Cross Duct (XD)
Installation Outline Drawings
General Arrangement**
CADD REF: N/A
01-01-2557-D

DO NOT SCALE DWG.

Scale 1:5
SHEET 1 OF 6

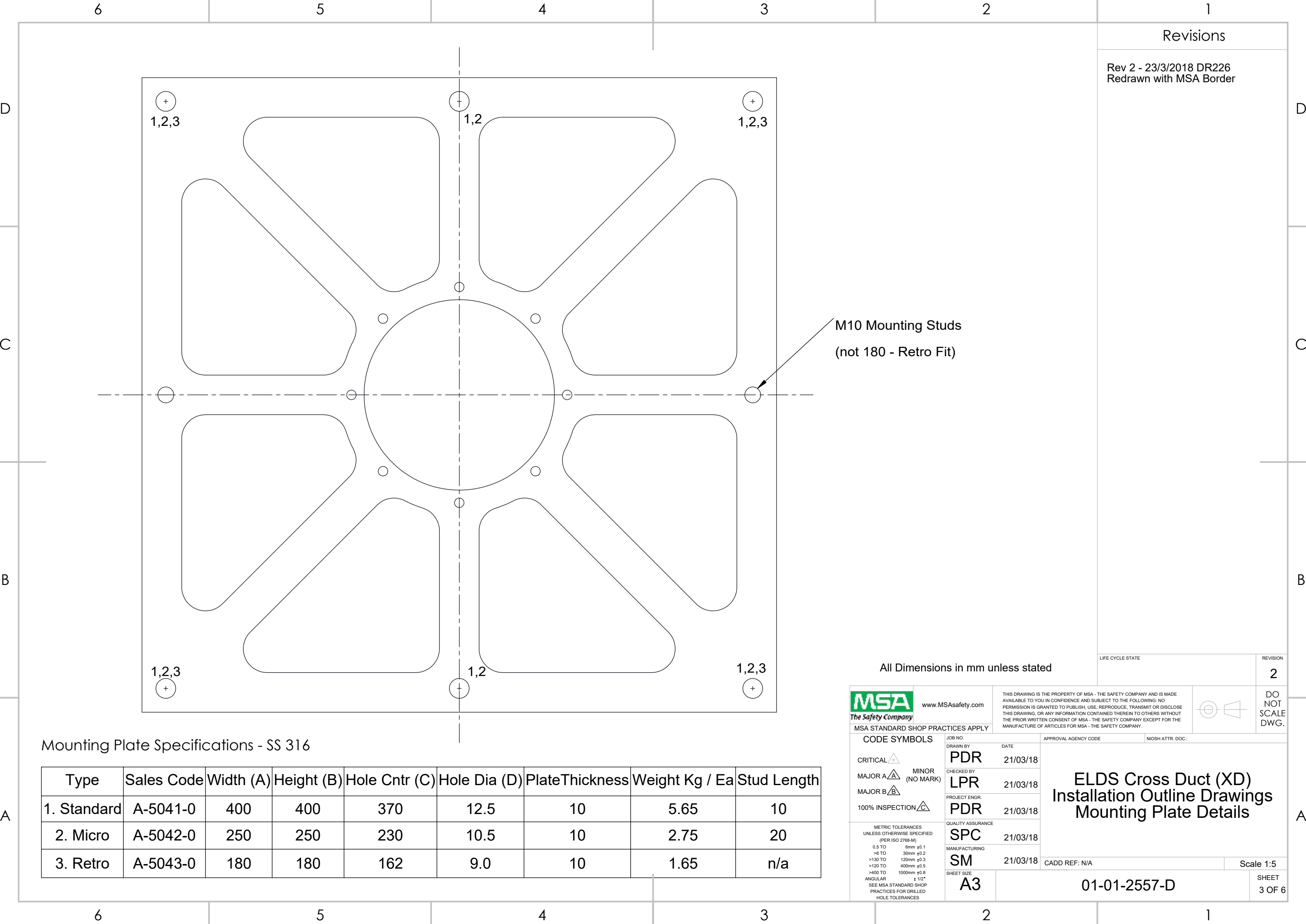
ITEM	WEIGHT (Kg)
Mounting Plate 400	5.65
Mounting Plate 250	2.75
Mounting Plate 180	1.65
Alignment Bush	0.125
Rx Unit	7.4
Tx Unit	8.2
Rx Complete with 400 Plate	11.45
Tx Complete with 400 Plate	12.24



Revisions	
Rev 2 - 23/3/2018 DR226 Redrawn with MSA Border	
LIFE CYCLE STATE	REVISION
	2

All Dimensions in mm unless stated

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MSA STANDARD SHOP PRACTICES APPLY					
CODE SYMBOLS		JOB NO.	DATE	APPROVAL AGENCY CODE	NIOSH ATTR. DOC.:
CRITICAL 	MINOR (NO MARK)	PDR	21/03/18	ELDS Cross Duct (XD) Installation Outline Drawings Unit Identification	
MAJOR A 		CHECKED BY	LPR		
MAJOR B 	PROJECT ENGR.	PDR	21/03/18		
100% INSPECTION 	QUALITY ASSURANCE	SPC	21/03/18		
METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M)		MANUFACTURING	SM	21/03/18	CADD REF: N/A
0.5 TO 6mm ±0.1		SHEET SIZE		Scale 1:5	
>6 TO 30mm ±0.2		A3		01-01-2557-D	
>130 TO 120mm ±0.3				SHEET	
>120 TO 400mm ±0.5				2 OF 6	
>400 TO 1000mm ±0.8					
ANGULAR ± 1/2"					
SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES					



Revisions
Rev 2 - 23/3/2018 DR226 Redrawn with MSA Border

M10 Mounting Studs
(not 180 - Retro Fit)

All Dimensions in mm unless stated

Mounting Plate Specifications - SS 316

Type	Sales Code	Width (A)	Height (B)	Hole Cntr (C)	Hole Dia (D)	Plate Thickness	Weight Kg / Ea	Stud Length
1. Standard	A-5041-0	400	400	370	12.5	10	5.65	10
2. Micro	A-5042-0	250	250	230	10.5	10	2.75	20
3. Retro	A-5043-0	180	180	162	9.0	10	1.65	n/a



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DO NOT SCALE DWG.

MSA STANDARD SHOP PRACTICES APPLY

CODE SYMBOLS

CRITICAL 

MAJOR A  MINOR (NO MARK)

MAJOR B 

100% INSPECTION 

METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M)

0.5 TO 6mm ±0.1

>6 TO 30mm ±0.2

>30 TO 120mm ±0.3

>120 TO 400mm ±0.5

>400 TO 1000mm ±0.8

ANGULAR ± 1/2°

SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES

JOB NO.

DRAWN BY

CHECKED BY

PROJECT ENGR.

QUALITY ASSURANCE

MANUFACTURING

SHEET SIZE

DATE

21/03/18

21/03/18

21/03/18

21/03/18

21/03/18

A3

APPROVAL AGENCY CODE

NIOSH ATTR. DOC.:

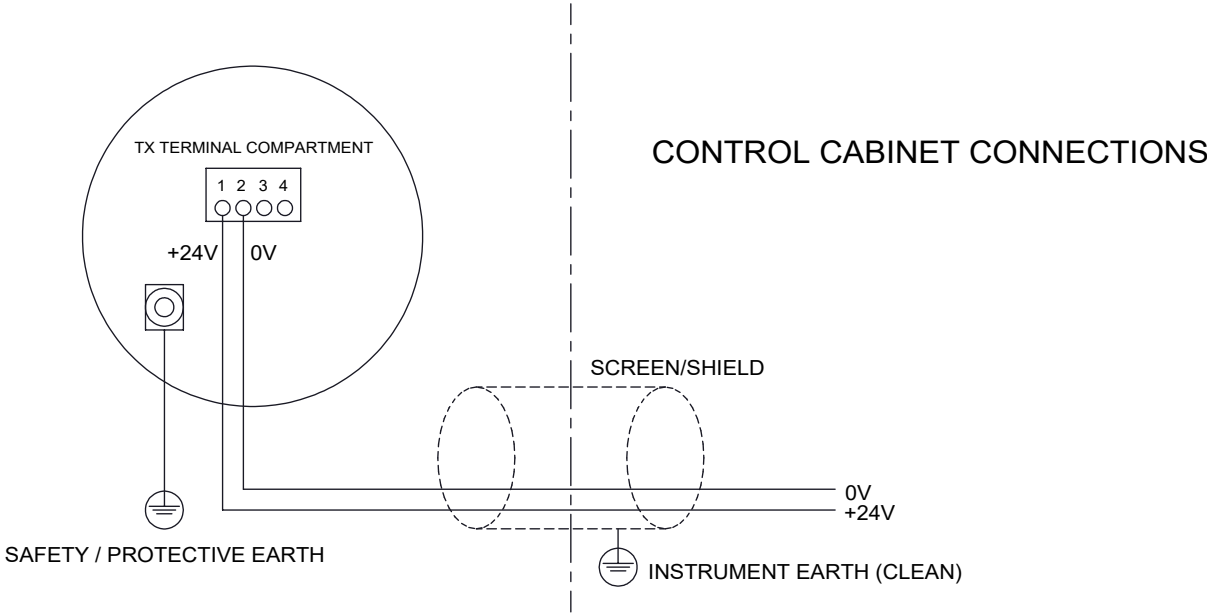
ELDS Cross Duct (XD)
Installation Outline Drawings
Mounting Plate Details

CADD REF: N/A

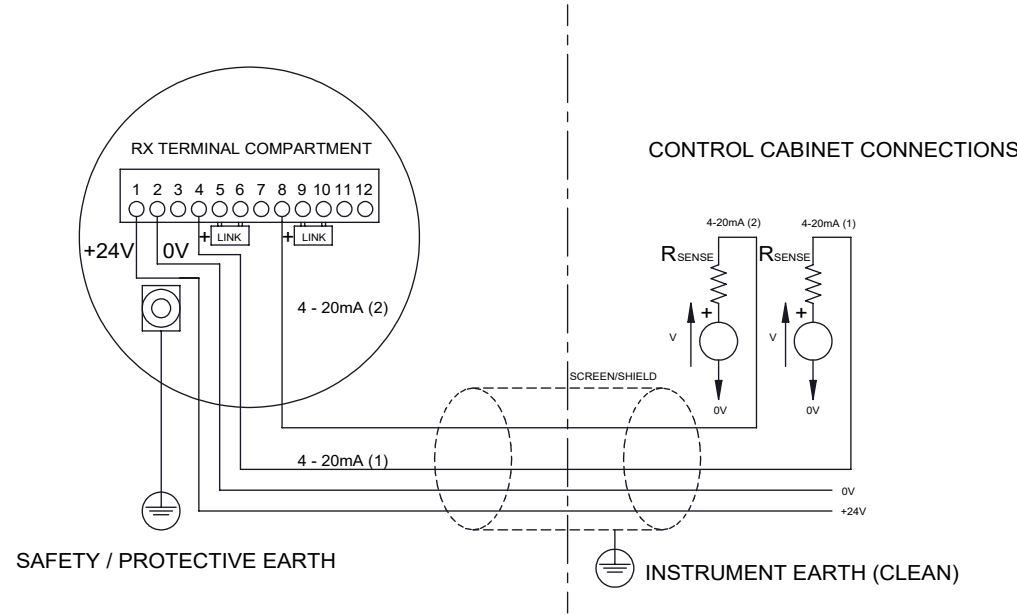
Scale 1:5

SHEET 3 OF 6

ELDS Transmitter Connections



ELDS Receiver Connections (Current Sink)



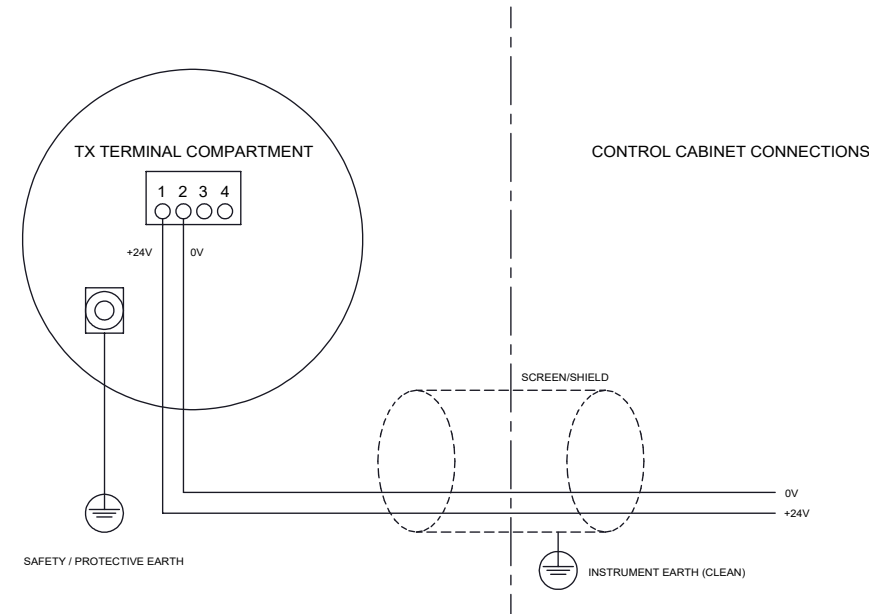
Revisions

Rev 2 - 23/3/2018 DR226
Redrawn with MSA Border

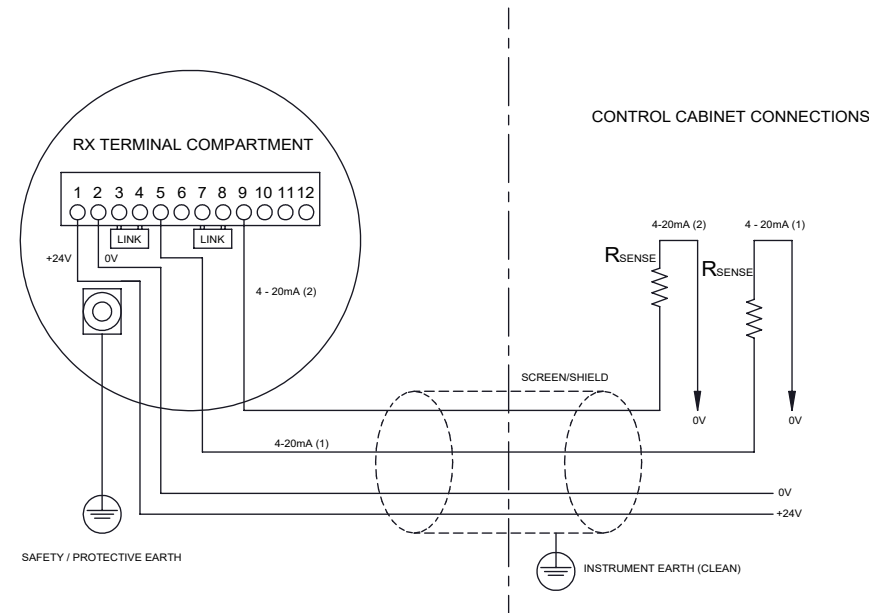
All Dimensions in mm unless stated

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MSA STANDARD SHOP PRACTICES APPLY				JOB NO.		APPROVAL AGENCY CODE		NIOSH ATTR. DOC.:	
CODE SYMBOLS				DRAWN BY PDR		DATE 21/03/18		ELDS Cross Duct (XD) Installation Outline Drawings Wiring - Current Sink	
CRITICAL				CHECKED BY LPR		21/03/18			
MAJOR A MINOR (NO MARK)				PROJECT ENGR. PDR		21/03/18			
MAJOR B				QUALITY ASSURANCE SPC		21/03/18			
100% INSPECTION				MANUFACTURING SM		21/03/18			
METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M)				CADD REF: N/A		SCALE n/a			
0.5 TO 6mm ±0.1				A3		01-01-2557-D			
>6 TO 30mm ±0.2									
>130 TO 120mm ±0.3									
>120 TO 400mm ±0.5									
>400 TO 1000mm ±0.8									
ANGULAR ± 1/2"				SHEET					
SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES				4 OF 6					

ELDS Transmitter Connections



ELDS Receiver Connections (Current Source)



Revisions

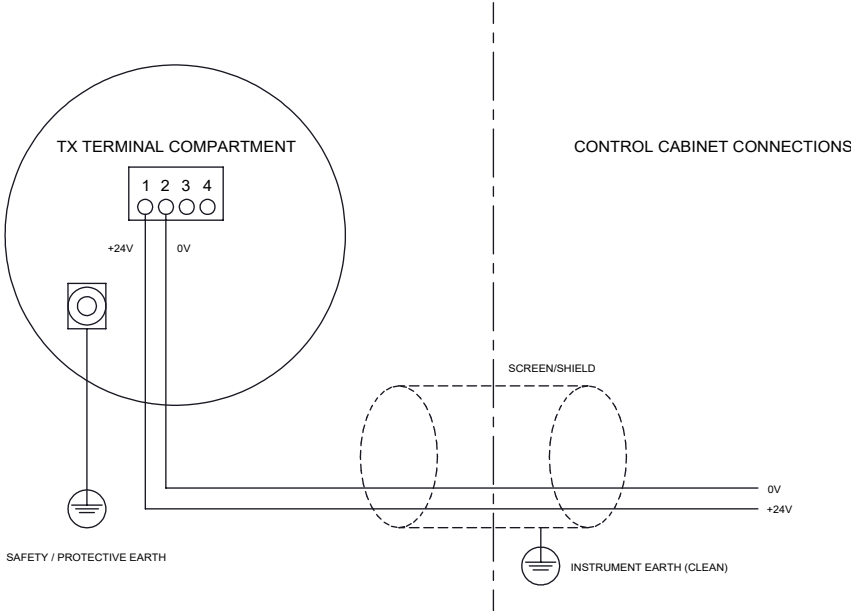
Rev 2 - 23/3/2018 DR226
Redrawn with MSA Border

All Dimensions in mm unless stated

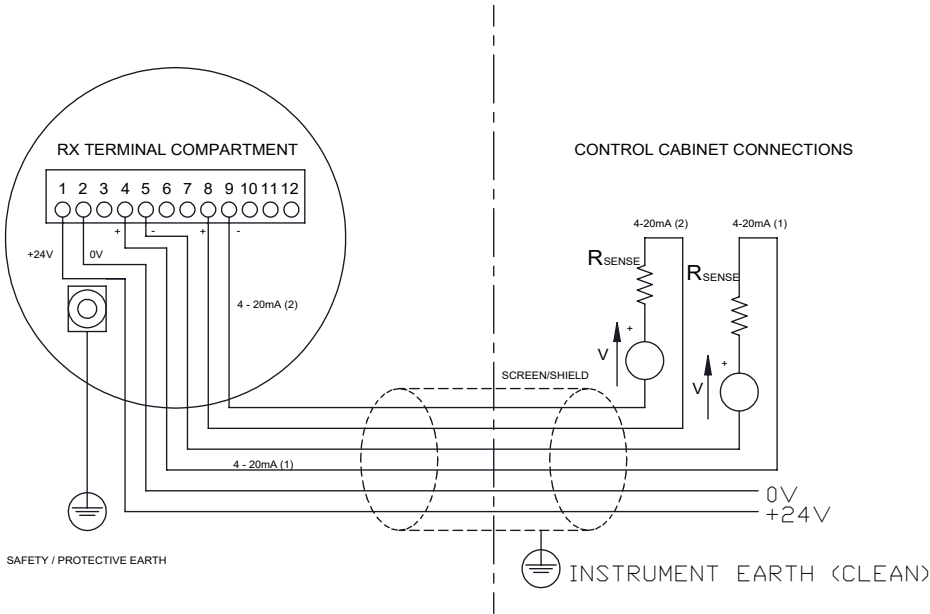
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MSA STANDARD SHOP PRACTICES APPLY		CODE SYMBOLS		JOB NO.		APPROVAL AGENCY CODE		NOSH ATTR. DOC.:	
CRITICAL 		DRAWN BY		DATE		PDR		21/03/18	
MAJOR A 		MINOR (NO MARK)		CHECKED BY		LPR		21/03/18	
MAJOR B 		PROJECT ENGR.		PDR		21/03/18		21/03/18	
100% INSPECTION 		QUALITY ASSURANCE		SPC		21/03/18		21/03/18	
METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M)		MANUFACTURING		SM		21/03/18		21/03/18	
0.5 TO 6mm ±0.1		SHEET SIZE		A3		01-01-2557-D		SHEET 5 OF 6	
>6 TO 30mm ±0.2		HOLE TOLERANCES		SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES		SCALE n/a		CADD REF: N/A	
>130 TO 120mm ±0.3									
>120 TO 400mm ±0.5									
>400 TO 1000mm ±0.8									
ANGULAR ± 1/2°									

ELDS Cross Duct (XD)
Installation Outline Drawings
Wiring - Current Source

ELDS Transmitter Connections



ELDS Receiver Connections (Isolated Output)



Revisions

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Redrawn with MSA Border

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MSA STANDARD SHOP PRACTICES APPLY							
CODE SYMBOLS		JOB NO.		APPROVAL AGENCY CODE		NIOASH ATTR. DOC.:	
CRITICAL 		DRAWN BY		DATE		ELDS Cross Duct (XD) Installation Outline Drawings Wiring - Isolated Output	
MINOR (NO MARK)		PDR		21/03/18			
MAJOR A 		CHECKED BY		LPR			
MAJOR B 		PROJECT ENGR.		21/03/18			
100% INSPECTION 		QUALITY ASSURANCE		PDR			
METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED (PER ISO 2768-M)		MANUFACTURING		SPC		21/03/18	
0.5 TO 6mm ±0.1		SHEET SIZE		SM		21/03/18	
>6 TO 30mm ±0.2		A3		01-01-2557-D		SCALE n/a	
>130 TO 120mm ±0.3							
>120 TO 400mm ±0.5							
>400 TO 1000mm ±0.8							
ANGULAR ± 1/2°							
SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES						SHEET 6 OF 6	