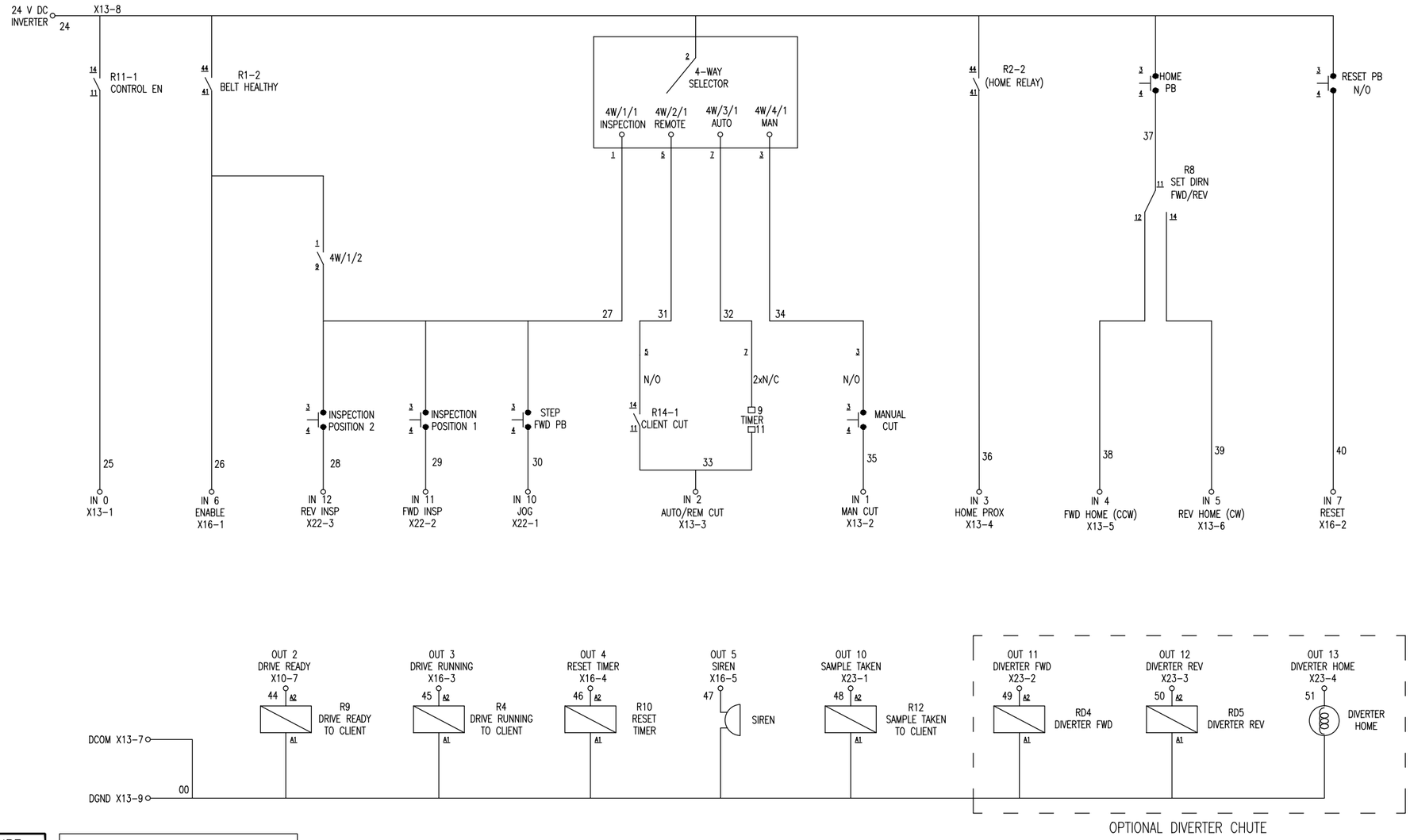

APPROVED FOR MANUFACTURE		
MALVERN ENGINEERING REPRESENTATIVE		
NAME	SIGN	DATE
CLIENT REPRESENTATIVE		

REFERENCE DRG No.	DESCRIPTION	DATE	H Keen	0	FIRST ISSUE
REFERENCE DRG No.	DESCRIPTION	DATE	SIGN	REV	REVISIONS

JOB No.

GENERAL TOLERANCES OF FORM & POSITION DIN 3141 R3

DEFINITION SYMBOL		DEFINITION SYMBOL	
STRAIGHTNESS	—	PARALLELISM	//
ROUNDNESS	○	PERPENDICULAR	⊥
LINE FORM	⌒	INCLINATION	∠
PLANE NESS	▱	SYMMETRICAL	⌯
CYL FORM	⌭	CONCENTRICITY	◎
LAMINAR SURF TOL	⌓	TRUE NESS	⌒

SURFACE SYMBOL	PEAK TO VALLEY HEIGHT Rt µm	SURFACE-TEXTURE SYMBOL TO ISO R1302 ROUGHNESS VALUE Ra µm & GRADE No.	
	63	50	N12
		25	N11
		12.5	N10
	16	6.3	N9
		3.2	N8
		1.6	N7
	4	0.8	N6
		0.4	N5
		0.2	N4
	1	0.1	N3
		0.05	N2
		0.025	N1

MACHINING TOLER. ACC TO DIN 7168 & ISO 2768		
DIMENSIONS UP TO	TOLERANCES MACHINED	TOLERANCES UN MACHINED (CASTING)
6	±0.1	±0.5
30	±0.2	±1.0
100	±0.3	±1.5
300	±0.5	±2.0
1000	±0.8	±3.0
2000	±1.2	±5.0

CUSTOMER
PROJECT
REMARKS

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MALVERN ENGINEERING

	DATE	NAME
TRACED		
DRAWN	22/01/2019	SB
CHECK		
APP.		

QTY. REQD.

SCALE | WEIGHT Kg

MATERIAL | SHEET 3 OF 4

DESCRIPTION
CROSS BELT SAMPLER
STANDARD ELECTRICAL CIRCUIT DIAGRAM
(OPTIONAL DIVERTER CHUTE)

DRAWING IDENT. No
57/0000/02/010-2

(SUPERSEDED BY:) | (SUPERSEDES:) | REV 0

A3