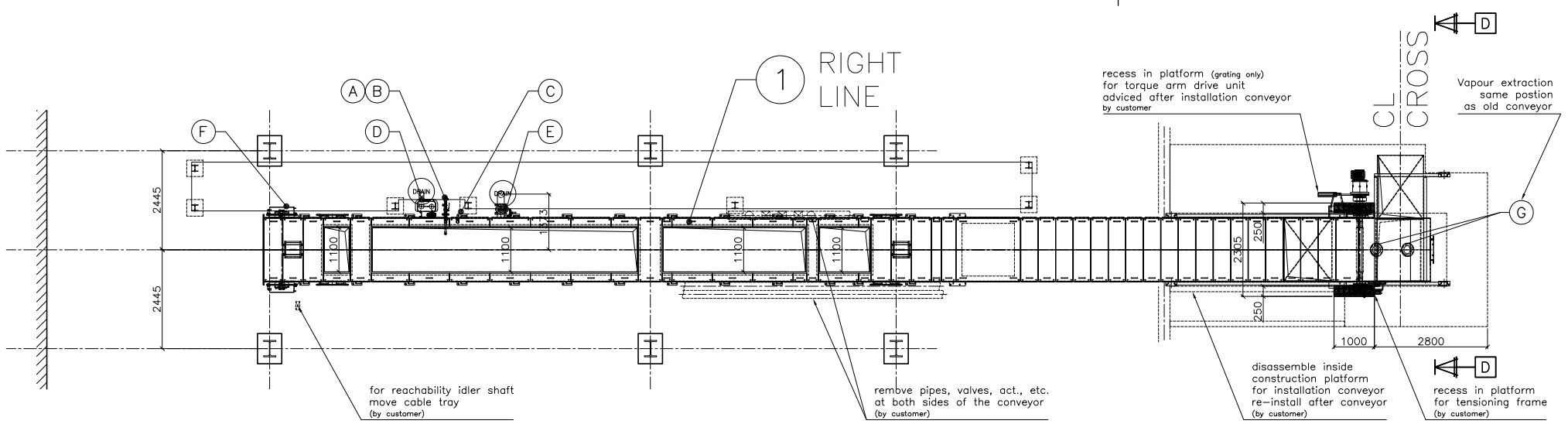
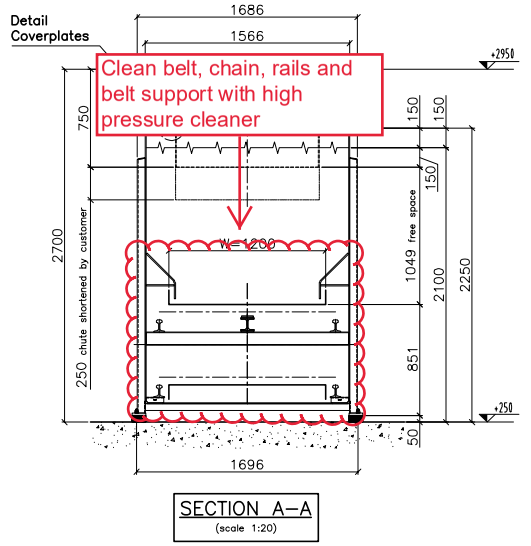
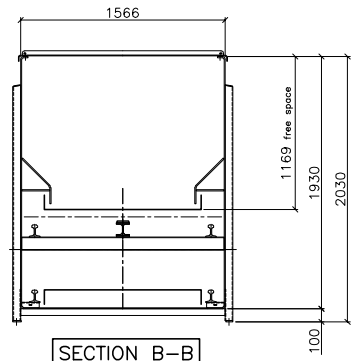
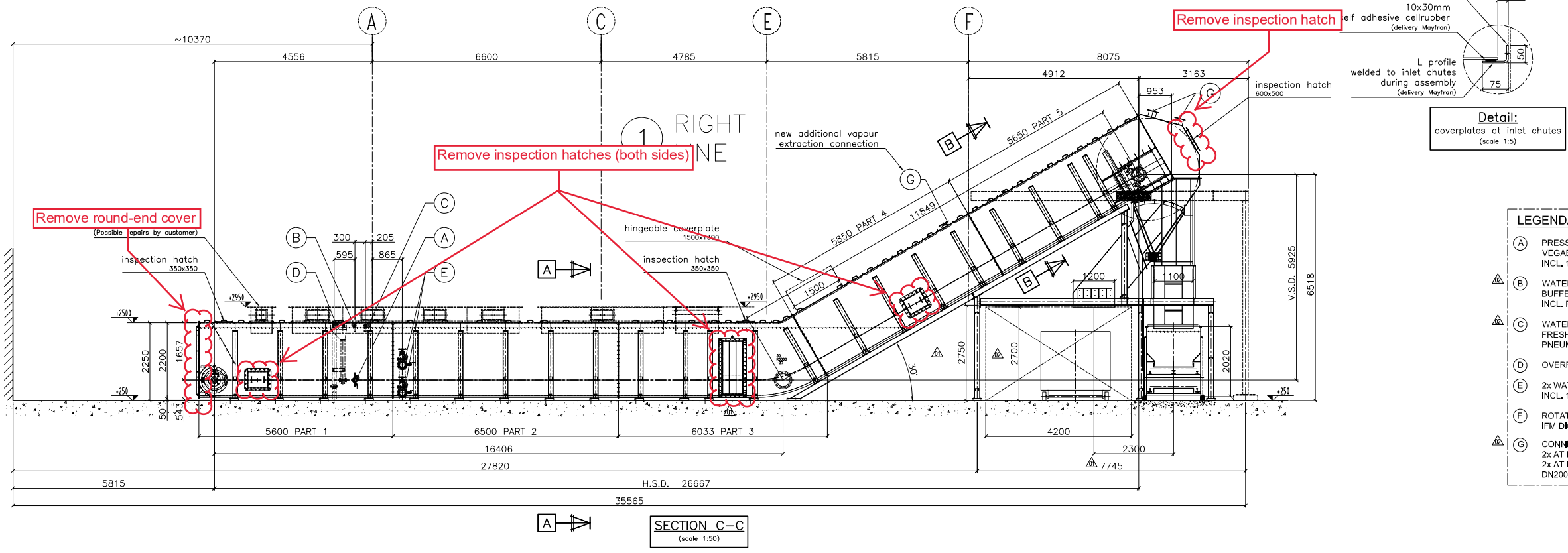




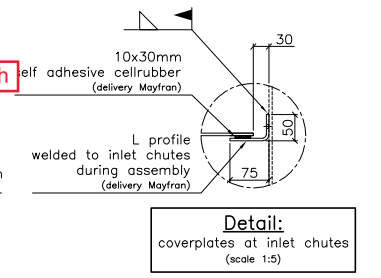
SECTION A–A
(scale 1:20)



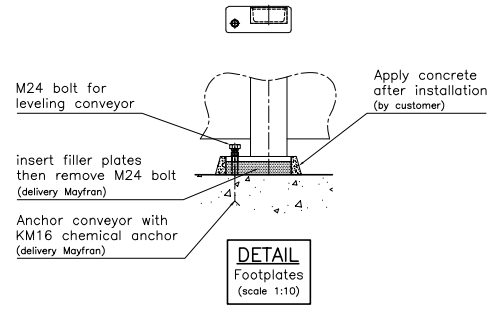
SECTION B–B
(scale 1:20)



SECTION C–C
(scale 1:50)



Detail:
coverplates at inlet chutes
(scale 1:5)



DETAIL
Footplates
(scale 1:10)

LEGENDA:

- (A) PRESSURE TRANSMITTER: VEGABAR 82 INCL. 1" BALL VALVE WITH HOSE CONNECTION FOR FLUSHING
- (B) WATERSUPPLY CONNECTION: DN50 PN16 THREADED BUFFER TANK INCL. PNEUMATIC ACTUATOR (110VAC)
- (C) WATERSUPPLY CONNECTION: DN50 PN16 THREADED FRESH WATER PNEUMATIC ACTUATOR (RE-USED) BY CUSTOMER
- (D) OVERFLOWBOX DN100 PN16
- (E) 2x WATER DRAINAGE DN150 PN16 GATE VALVE INCL. 1" BALL VALVE WITH HOSE CONNECTION FOR FLUSHING
- (F) ROTATION INDICATOR IFM DI602A (24VDC)
- (G) CONNECTION FOR VAPOUR EXTRACTION 2x AT DISCHARGE CHUTE (SAME POSITION AS OLD CONVEYOR) 2x AT INCLINED PART (ADDITIONAL NEW CONNECTION) DN200-PN16

TECHNICAL SPECIFICATIONS

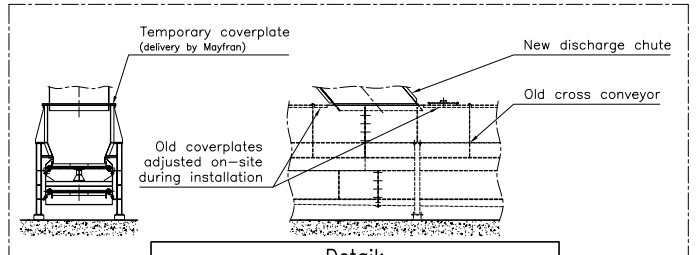
FRAME	-STEEL PAN CONVEYOR	8mm (S235JR)
	-BOTTOM WEAR PLATE	8mm (Hardox450)
	-COVERPLATES	5mm (S235JR)
	-VIGNOLA RAILS IN TOP AND BOTTOM STRAND	
BELT/CHAIN		
TYPE	-MF 25008-1200-168-RF 45,250-V6	
	-BELT PLATES	8mm
CAPACITY		
HANDLED MATERIAL	CLINKERS AND SIFTINGS FROM WTE PLANT	
CONVEYOR CAPACITY	4000kg/h NOMINAL 6500kg/h DESIGN	
BULK DENSITY	800-1500kg/m3	
WATER TEMPERATURE	MAX. 70° C. (no frame Insulation)	

PAINT
SHOTBLASTING SA 2.5 IN ACCORDANCE TO DIN 55928 (INSIDE + OUTSIDE)

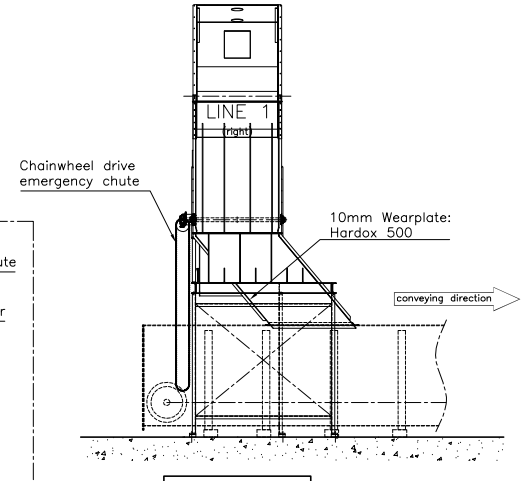
INSIDE	1 COAT	2 COMP. ZINC-PHOSFATE PRIMER TYPE SIGMACOVER 256	50uM
	1 COAT	2 COMP. EPOXY COATING TYPE SIGMACOVER 805	200uM
OUTSIDE	1 COAT	2 COMP. ZINC-PHOSFATE PRIMER TYPE SIGMACOVER 256	50uM
	1 COAT	2 COMP. POLYURETHANE FINISH TYPE SIGMADUR 550	50uM
COLOR OF CONVEYOR		RAL 7035 (LIGHT GREY) (4)	
COLOR OF DRIVE		RAL 2002 (VERMILLION)	

BELTWIDTH	W=1200mm
CENTERLINE	28218mm
BELT PATH STYLE	C 30°
CHAIN PITCH	250mm
NUMBER OF PITCHES	230 PC's
CLEATS	110mm HIGH 28 PC's EVERY 8 PITCHES
CLEANING PLATES	6 PC's EVERY 5th CLEAT
DRIVE	SEW SHAFT MOUNTED PLANETARY DRIVE (conveying direction LHS)
TYPE	PHF012 KF87 DRS90L4 TF/V/C
P MOTOR	2.2kW
U MOTOR	400V/50Hz/3Ph
n	~0.22-0.73-0.88min-1 (15-50-60Hz)
P FAN	85W
U FAN	400V/50Hz/3Ph
INSULATION CLASS	F
EXPOSURE	IP65

DRIVE PROTECTED AGAINST OVERLOAD BY CURRENT MEASUREMENT FREQUENCY CONTROL (by customer)

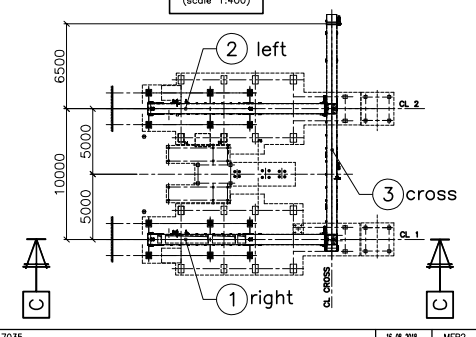


Detail:
connection new discharge chute – old cross conveyor
(scale 1:25)



SECTION D–D
(scale 1:50)

TOPVIEW
(scale 1:400)



NO.	REVISION DESCRIPTION	DATE	BY
04	RAL 7035	16-08-2018	MFR2
03	update	15-08-2018	MFR2
02	Update measurement + meeting client 11-07-18	16-07-2018	MFR2

General Tolerancing DIN ISO 2768-mK
Welding Tolerancing DIN EN ISO 13920-BE
Surface Finish DIN ISO 1302
Welding Symbols ISO 2553
Geometrical Tol. DIN ISO 1101
Third Angle Projection ISO 128

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	DATE	BY
CREATED	13-06-2018	MFR2
REVISED	16-08-2018	MFR2
RELEASED	16-08-2018	MFR2

SCALE: 1:50 DO NOT SCALE
SIZE A0

PROJECT NO. | CUSTOMER

250mm ASHCONVEYOR W=1200
Project: Bydgoszcz Line 1 (right)
Customer: Termomeccanica
Order nr.: 18S3080

mayfran INTERNATIONAL

3RD ANGLE	ITEM NUMBER	DRAWING NUMBER	REV
		T146060	04
		STATUS 115 Rework	VER 01