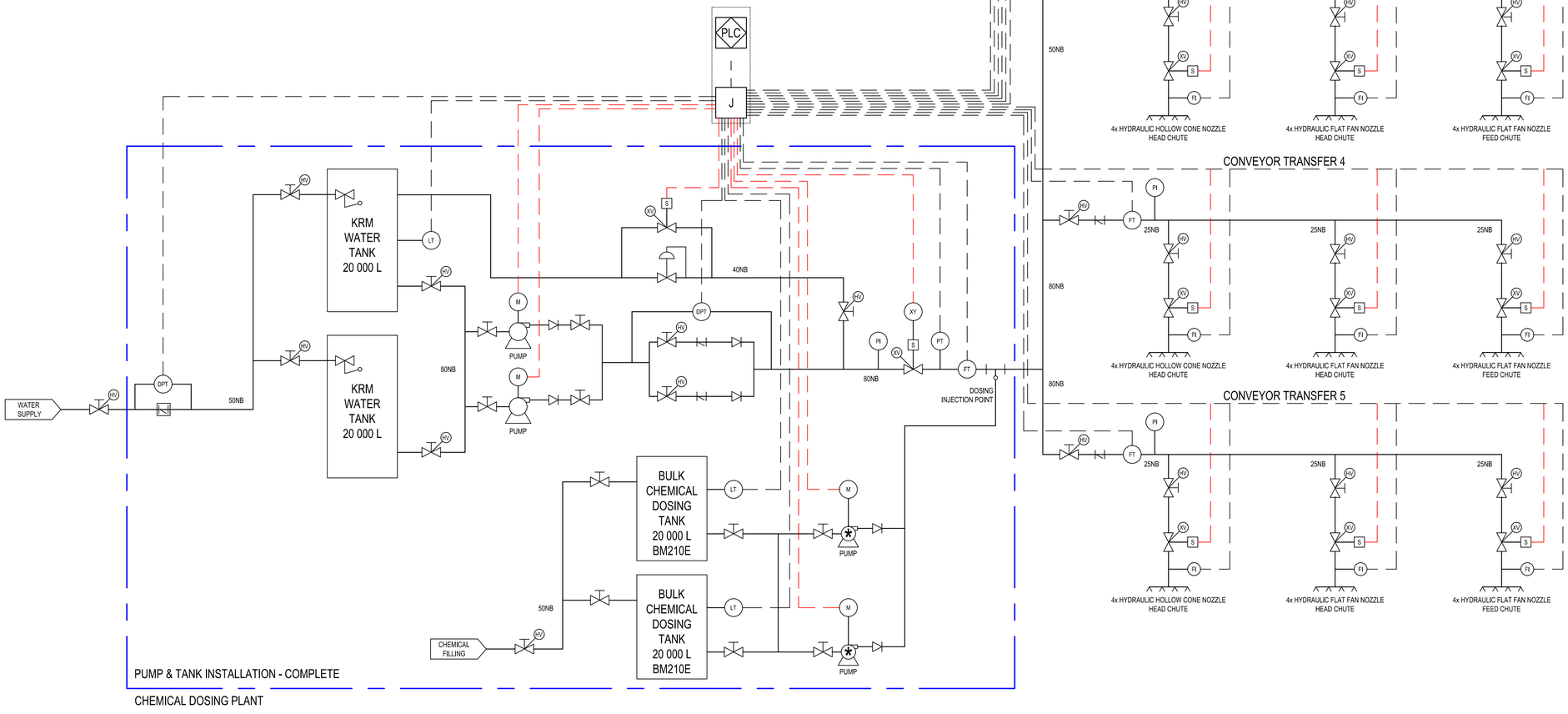
SYMBOL	DESCRIPTION
PLC	PLC SYSTEM
J	PLC I/O SWITCHES
	DOSING PUMP - MILTON-ROY
	PUMP - GROUNDFOS VERTICAL
M	PUMP MOTOR CONTROL
	STRAINER / FILTER
	NOZZLE TREATMENT POINT
HV	BALL VALVE
S XV	SOLENOID VALVE
	LEVEL CONTROL VALVE
	NON-RETURN VALVE
	PRESSURE SUSTAINING-RELIEF VALVE

SYMBOL	DESCRIPTION
FT	FLOW TRANSMITTER
FI	FLOW INDICATOR
PI	PRESSURE INDICATOR
LT	LEVEL TRANSMITTER
PT	PRESSURE TRANSMITTER
DPT	DIFFERENTIAL PRESSURE TRANSMITTER



0 10 50 100

NOTES / LEGEND

FINAL DESIGN PROPOSAL

APPROVED BY TRANSNET RME

TRANSNET REPRESENTATIVE | REG. NO. | DATE

APPROVED BY TRANSNET PORT TERMINAL

TRANSNET REPRESENTATIVE | REG. NO. | DATE

AMENDMENTS CODE

A,B,C../ : BEFORE TENDER
0 / : TENDER DRAWING
1,2,3.../ : AFTER TENDER
Z / : AS BUILT

IA : BY CLIENT
IB : BY ARCHITECT
IC : BY MECHANICAL OR ELECTRICAL
ID : BY BVI
IE : BY OTHER ( )

DATE	INITIAL	No./CODE	REVISION DESCRIPTION
22/05/2017	W.B	0/D	FOR TENDER PURPOSES
25/08/2017	W.B	0.1/D	FINAL DESIGN PROPOSAL

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INCORPORATING basil nair and associates consulting mechanical engineers

Registration no. 1996/000152/07

CLIENT

TRANSNET freight rail

PROJECT

BULK TERMINAL, SALDANHA IRON ORE HARBOUR:
THE DESIGN OF AN IMPROVED DUST SUPPRESSION SYSTEM

DRAWING TITLE

NEW PROPOSED CHEMICAL DOSING PLANT:
TRANSFER TREATMENT POINTS - P&ID LAYOUT DRAWING

APPROVED BY BVI

ENGINEER/TECHNOLOGIST | 20080282 REG. NO. | 25/05/2016 DATE

SCALE	NTS	DRAWN	WB
DESIGNED	GH	CHECKED	GH
PLAN NUMBER		REVISION NO.	DATE SAVED
32887.00-300-02		0.1	25 August 2017

32887.00-300-01 REV 0.1.DWG

O:\PROJECTS DRAWINGS\32000 - 32999\32887.00\ELECTRICAL\TENDER DRAWINGS\32887.00-300-01 REV 0.1.DWG