

LEGEND	
CONTACTOR	K
OVERLOAD RELAY	O/L
SELECTOR SWITCH	S
TERMINAL STATIONS	TX
ON DELAY TIMER	T1
GENERAL RELAY	R
MULTITRODE RELAY	MTR
OVER CURRENT RELAY	OCR
AMETER	A
VOLTMETER	V
AMETER SELECTOR SWITCH	AS
VOLTMETER SELECTOR SWITCH	VS
INDICATOR LAMP	H
PUSH BUTTON	P
SURGE ARRESTOR	SA
SOCKET OUTLET	S/O
CHANGE OVER SWITCH	C/O
AUTO TRANSFORMER	A/T

PROJECT

SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES

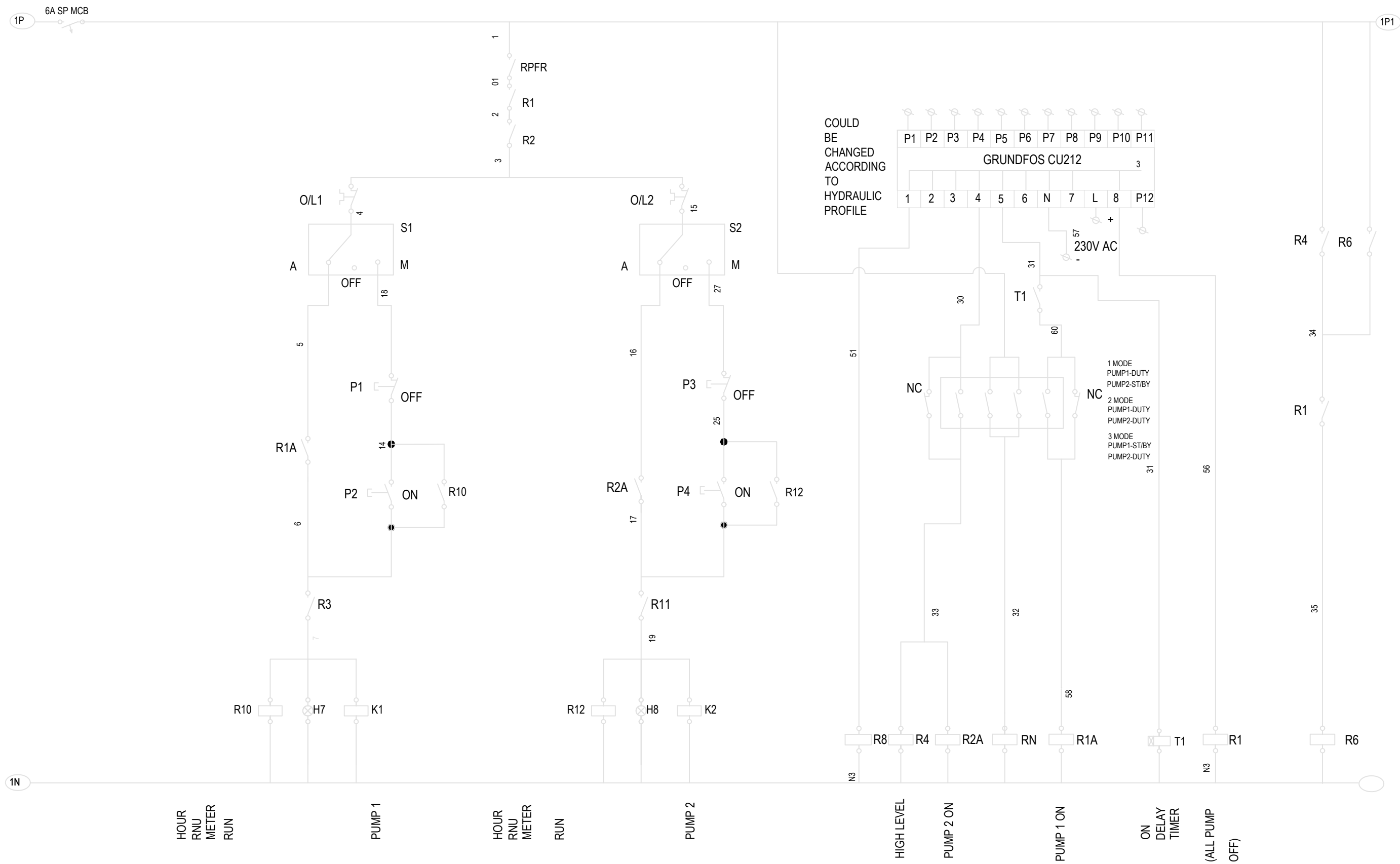



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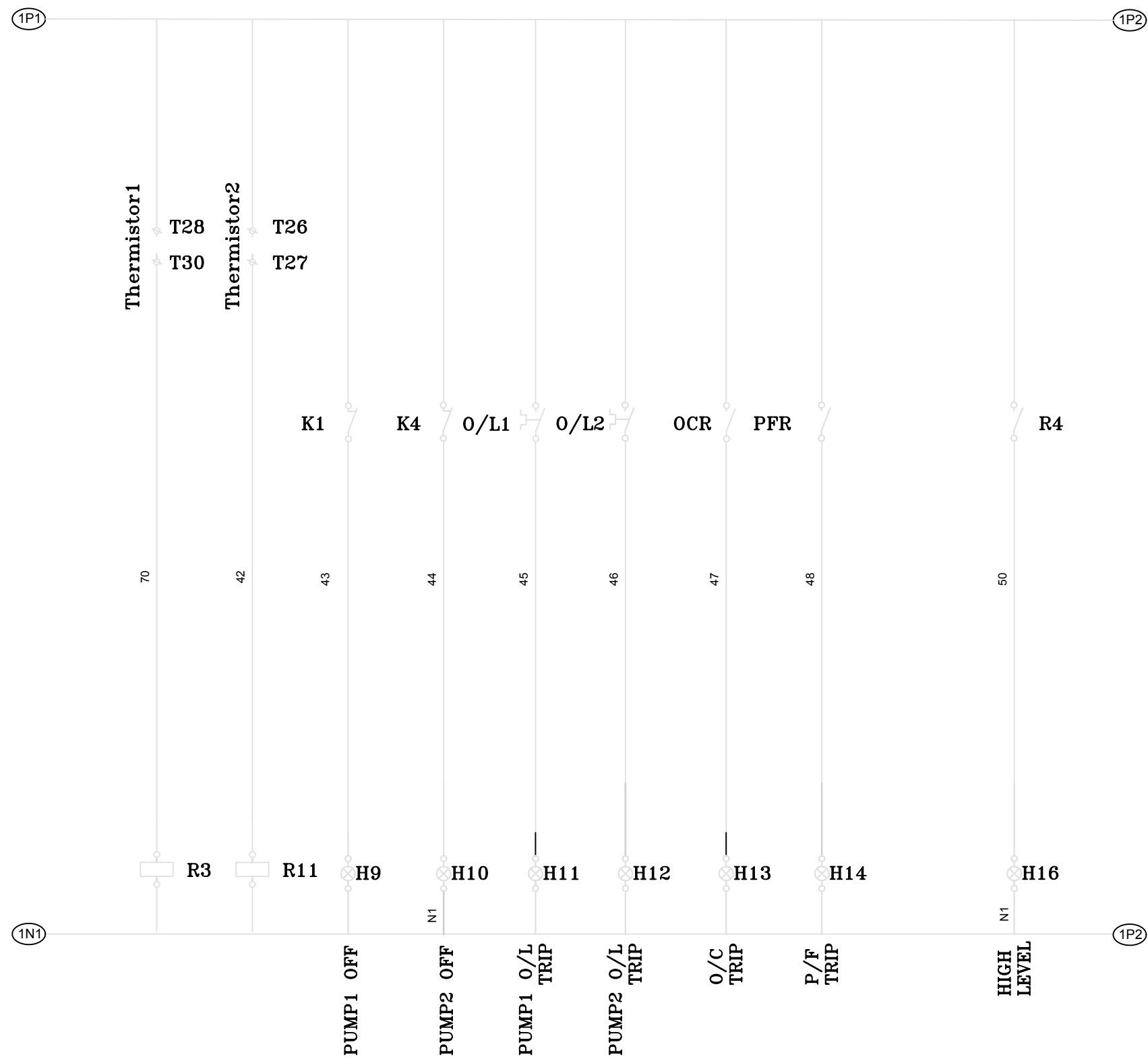
PUMP STATION SINGLE LINE POWER
DIAGRAM

DESIGNED	WANNIGAMA	SCALE	NTS
DRAWN	ERANDA	DATE	25 / 04 / 2017
CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/PS/E/001

A3



PROJECT						
SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES						
		DRAWING TITLE				
			DESIGNED	WANNIGAMA	SCALE	NTS
			DRAWN	ERANDA	DATE	25 / 04 / 2017
		PUMP STATION SINGLE LINE CONTROL DIAGRAM - 1	CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/PS/E/002 A3



PROJECT

SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES



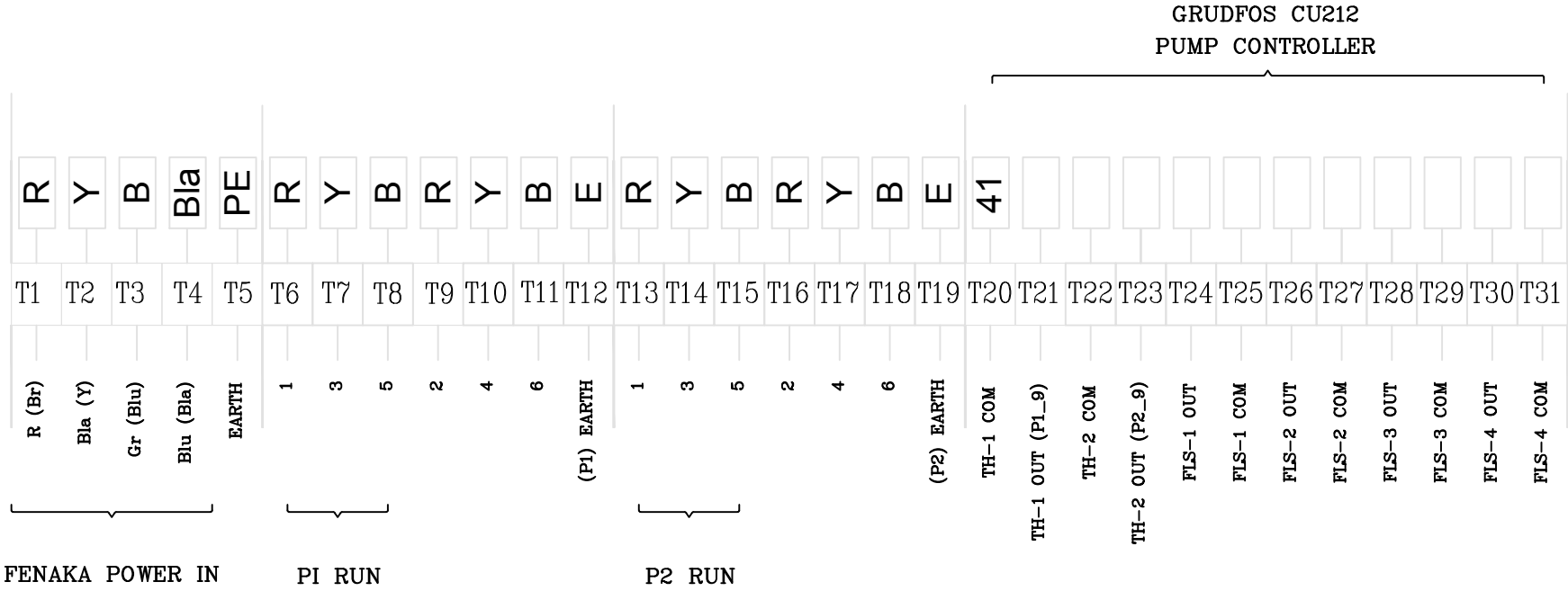
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PUMP STATION SINGLE LINE CONTROL
DIAGRAM 2

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/PS/E/003	A3

TERMINAL BLOCK CONFIGURATION (IN SIDE PANEL CUBICAL)

TX-1



PROJECT

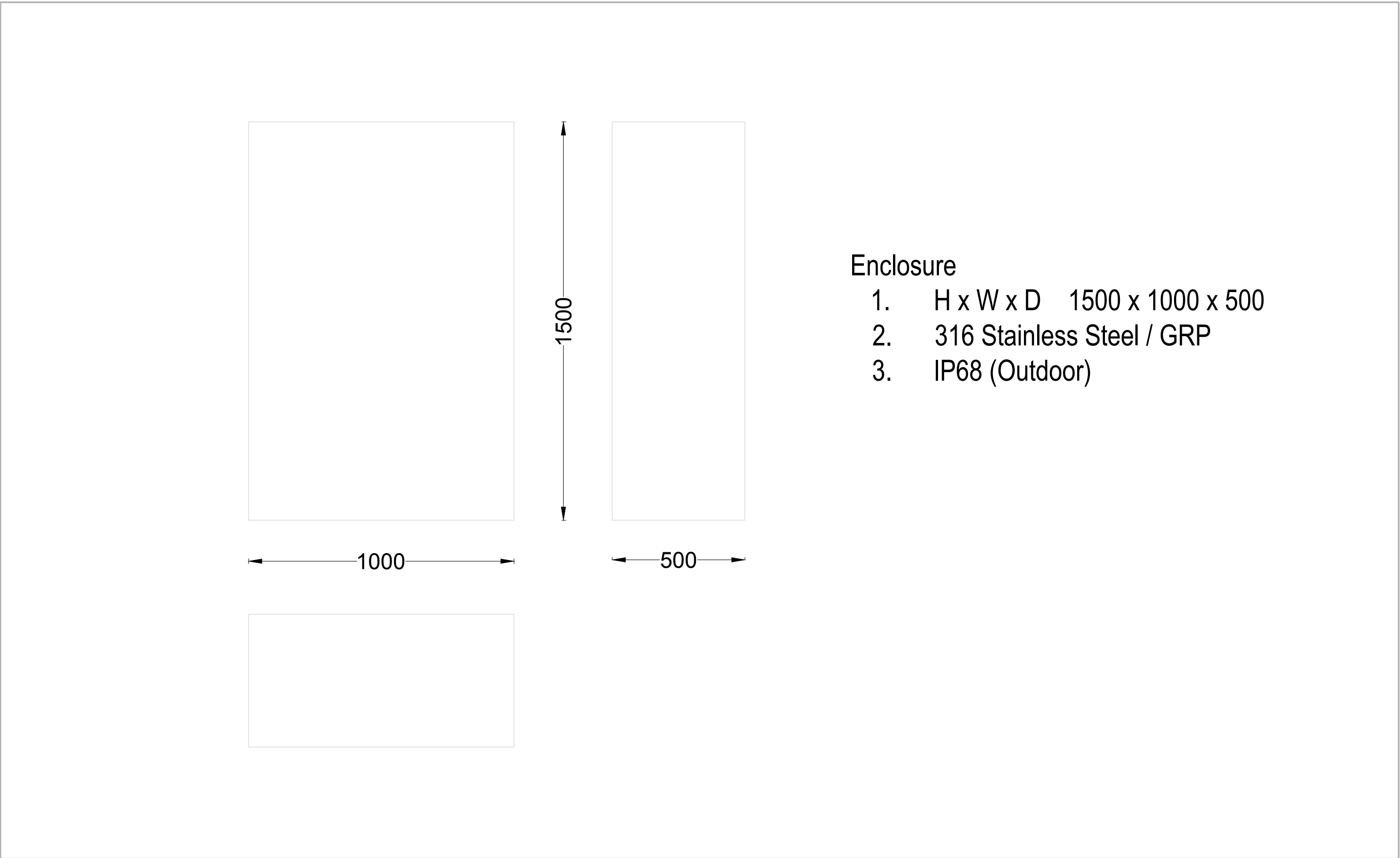
SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES




DRAWING TITLE

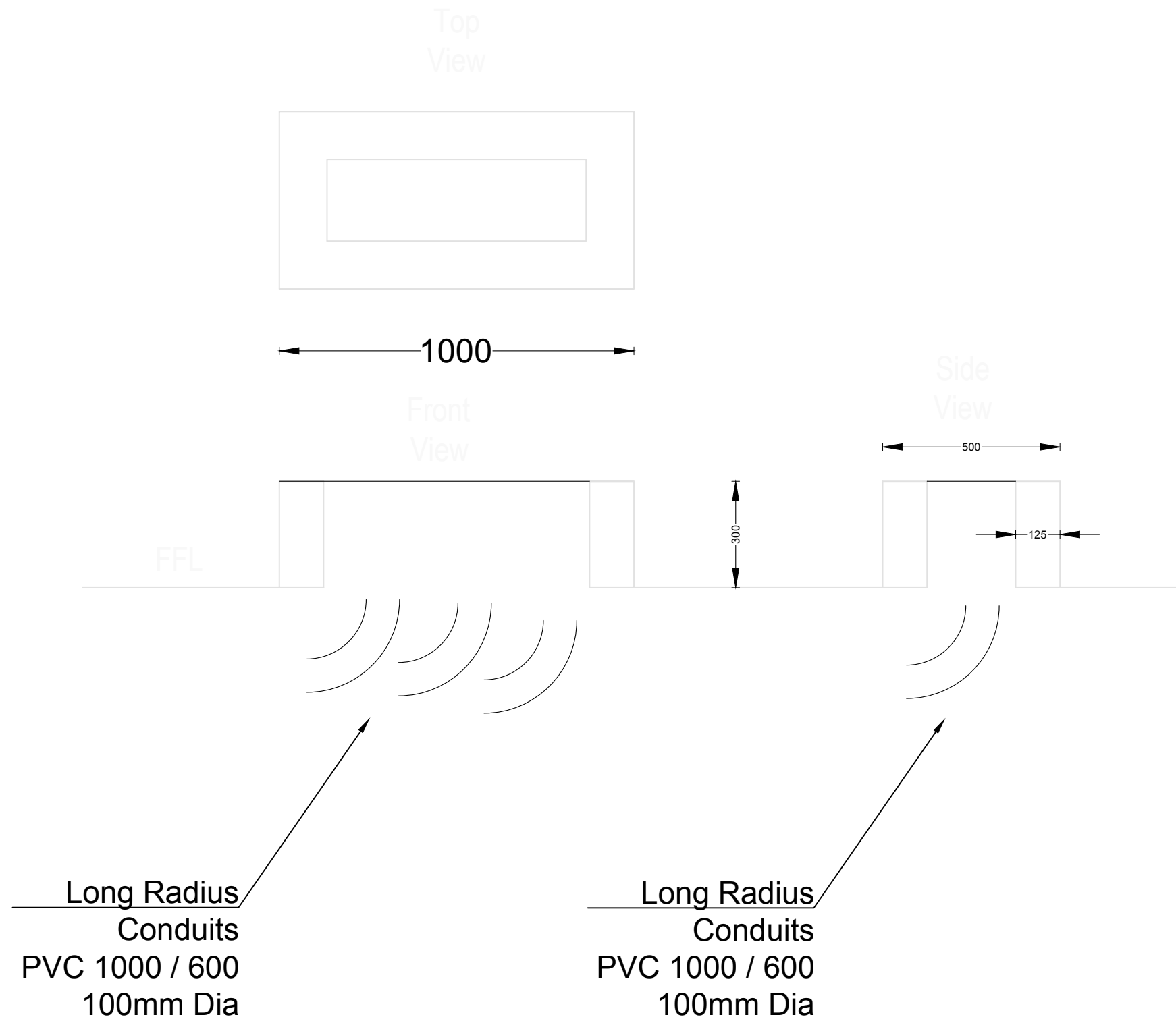
PUMP STATION SINGLE LINE TERMINAL
DIAGRAM

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/PS/E/004	A3



- Enclosure
- 1. H x W x D 1500 x 1000 x 500
 - 2. 316 Stainless Steel / GRP
 - 3. IP68 (Outdoor)

PROJECT									
SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES									
		DRAWING TITLE	PUMP STATION CONTROL PANEL TYPE AND SIZE DIAGRAM	DESIGNED	WANNIGAMA	SCALE	NTS		
				DRAWN	ERANDA	DATE	25 / 04 / 2017		
				CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/PS/E/004	A3	



PROJECT

SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES



DRAWING TITLE

**PUMP STATION CONTROL PANEL
PLINTH DIAGRAM**

DESIGNED

WANNIGAMA

SCALE

NTS

DRAWN

ERANDA

DATE

25 / 04 / 2017

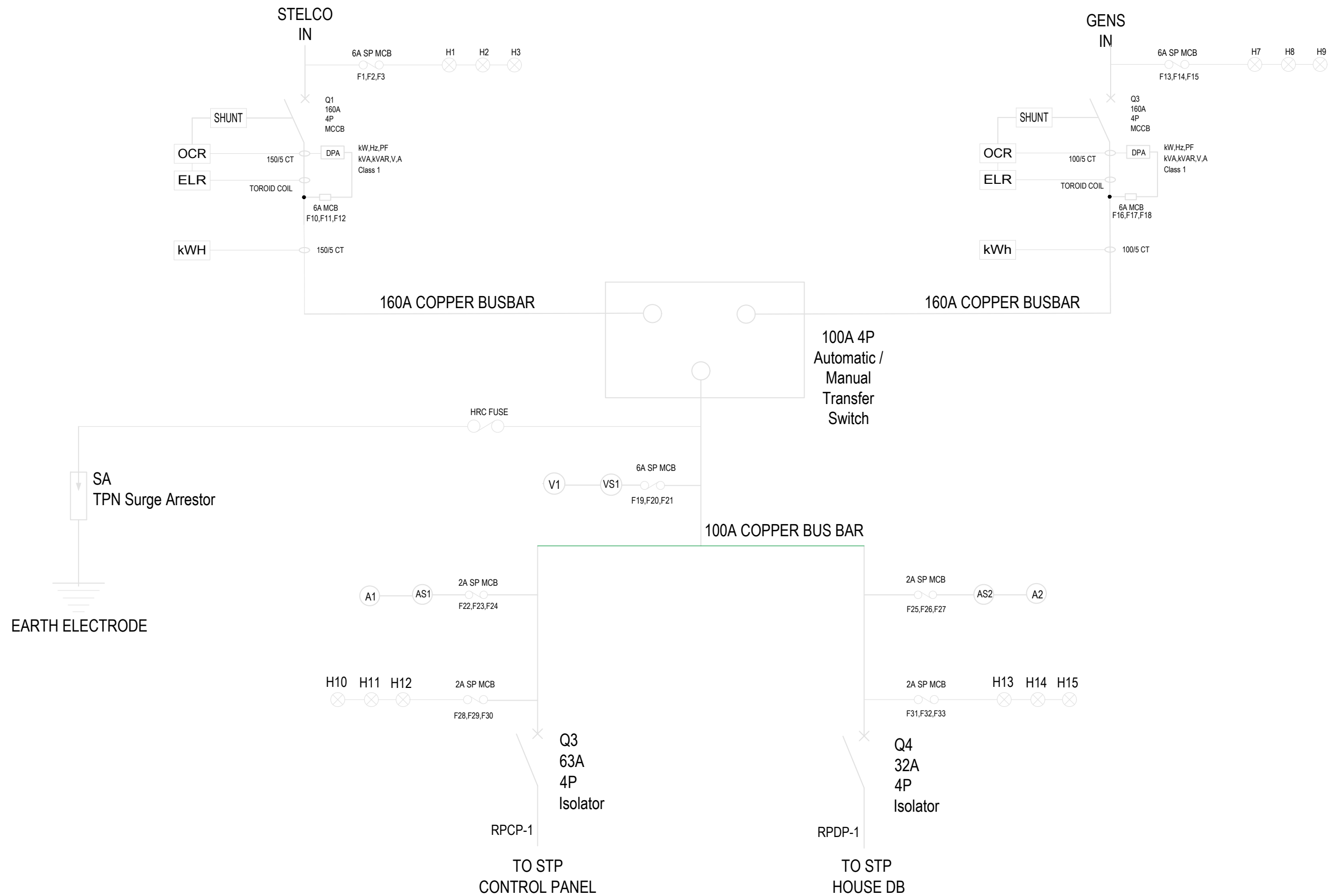
CHECKED

THILAKARATHNE

DRAWING
NUMBER

MV/PS/E/006

A3



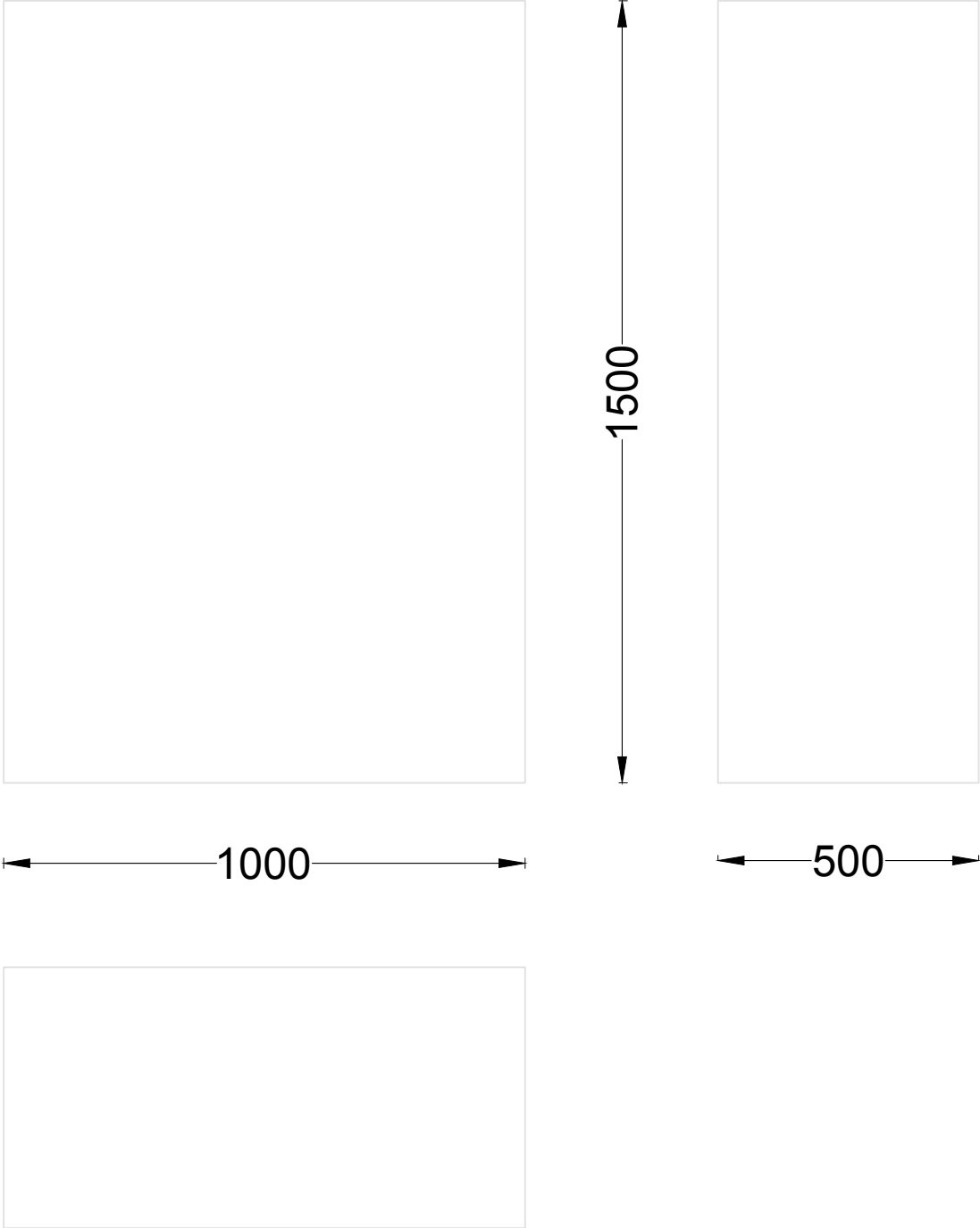
PROJECT

SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES



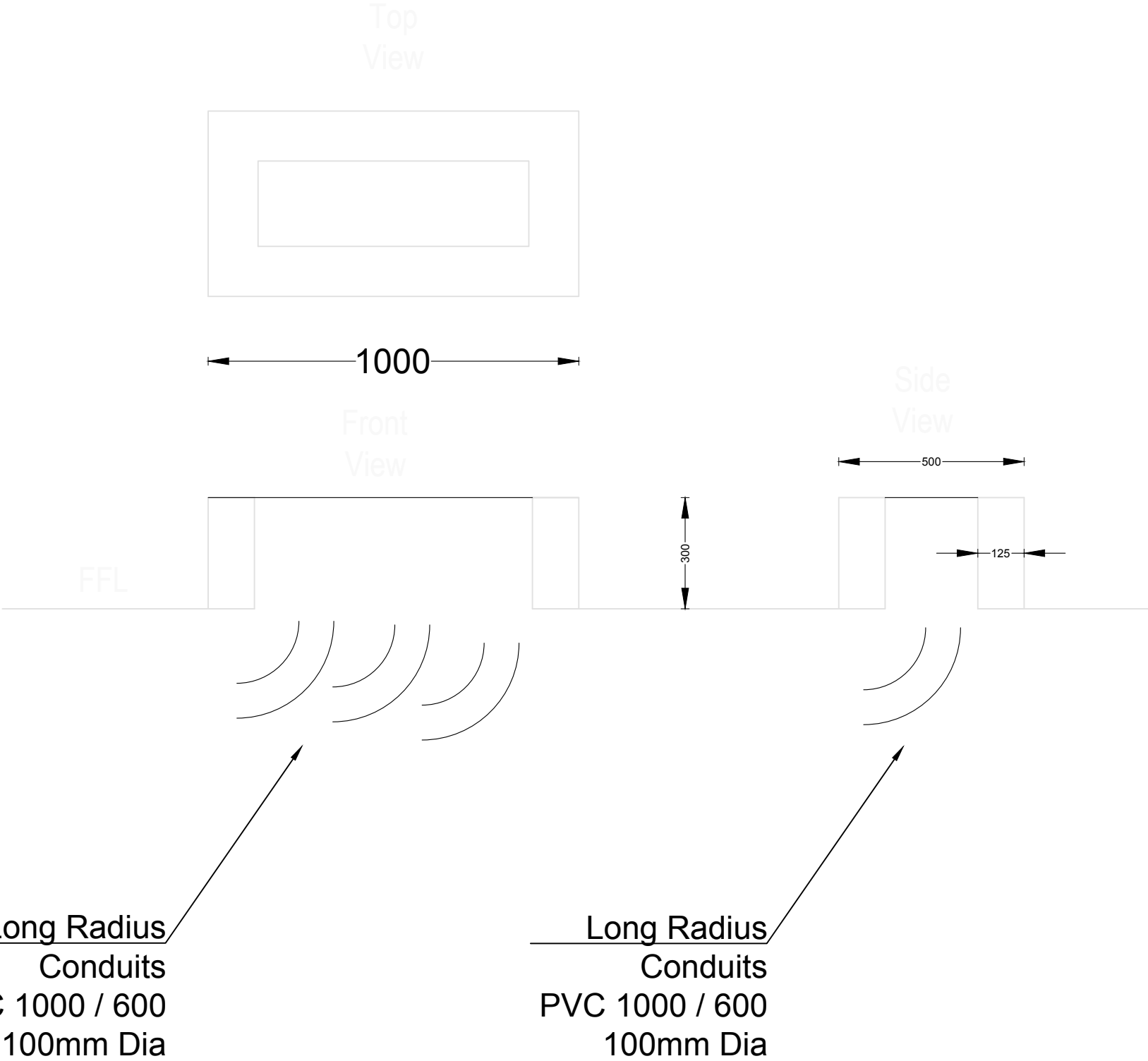
DRAWING TITLE
**SEWER TREATMENT PLANT POWER PANEL SINGLE LINE POWER
DIAGRAM**

DESIGNED	WANNIGAMA	SCALE	NTS
DRAWN	ERANDA	DATE	25 / 04 / 2017
CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/PP/E/001



- Enclosure
- 1. H x W x D 1500 x 1000 x 500
 - 2. 316 Stainless Steel / GRP
 - 3. IP64 (Indoor)

PROJECT		SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES				
		DRAWING TITLE SEWER TREATMENT PLANT POWER PANEL SINGLE LINE POWER DIAGRAM	DESIGNED	WANNIGAMA	SCALE	NTS
			DRAWN	ERANDA	DATE	25 / 04 / 2017
			CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/PP/E/002 A3



PROJECT

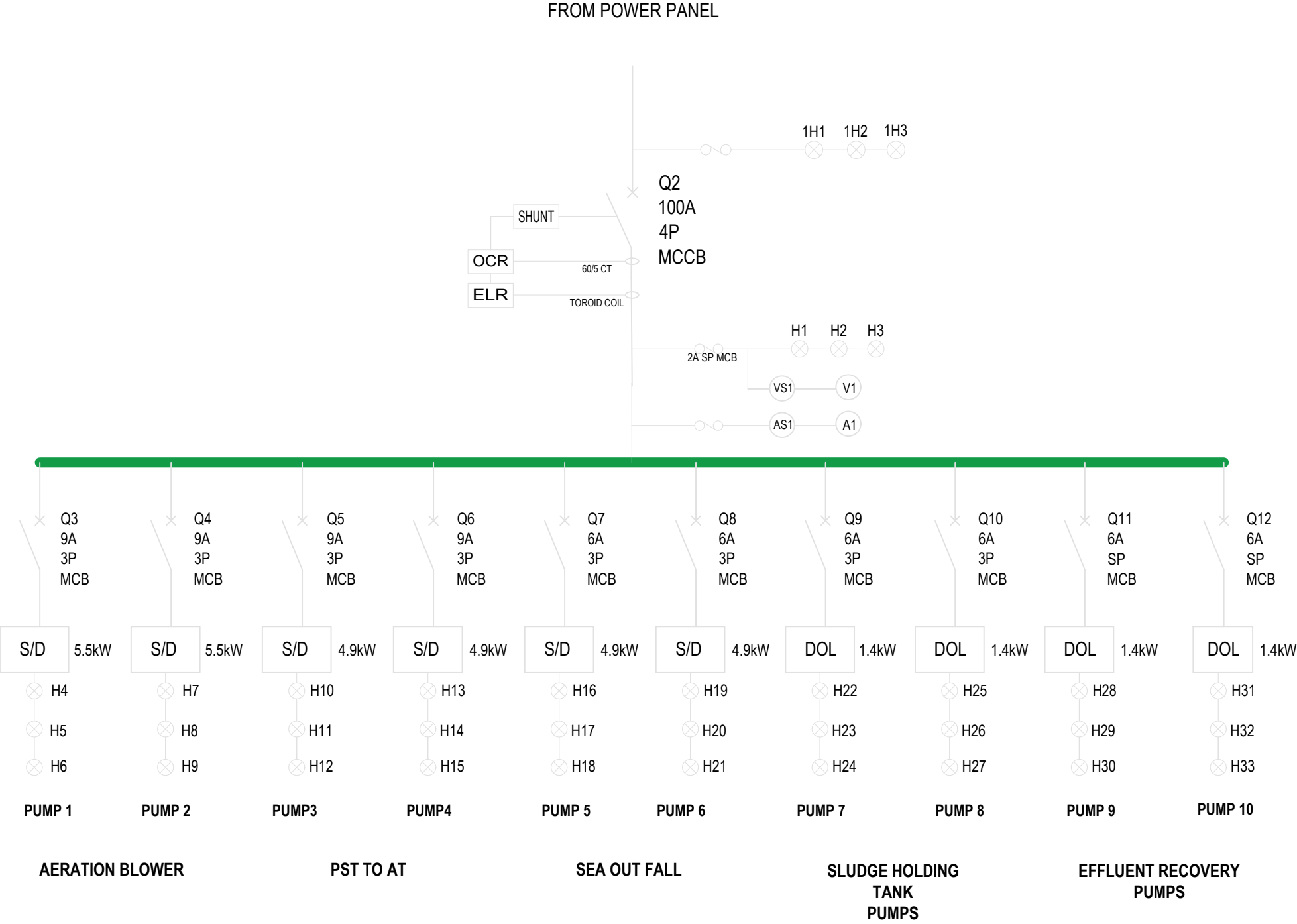
SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT POWER PANEL PLINTH DETAIL

DESIGNED	WANNIGAMA	SCALE	NTS
DRAWN	ERANDA	DATE	25 / 04 / 2017
CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/PP/E/003
			A3



LEGEND	
CONTACTOR	K
OVERLOAD RELAY	O/L
SELECTOR SWITCH	S
24HR TIMET	T
ON DELAY TIMER	T1
GENERAL RELAY	R
MULTITRODE RELAY	MTR
OVER CURRENT RELAY	OCR
AMETER	A
VOLTMETER	V
AMETER SELECTOR SWITCH	AS
VOLTMETER SELECTOR SWITCH	VS
INDICATOR LAMP	H
PUSH BUTTON	P
SURGE ARRESTOR	SA
SOCKET OUTLET	S/O
CHANGE OVER SWITCH	C/O
AUTO TRANSFORMER	A/T
FLASH LIGHT	FL
TERMINAL STATIONS	TX

PROJECT

SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES

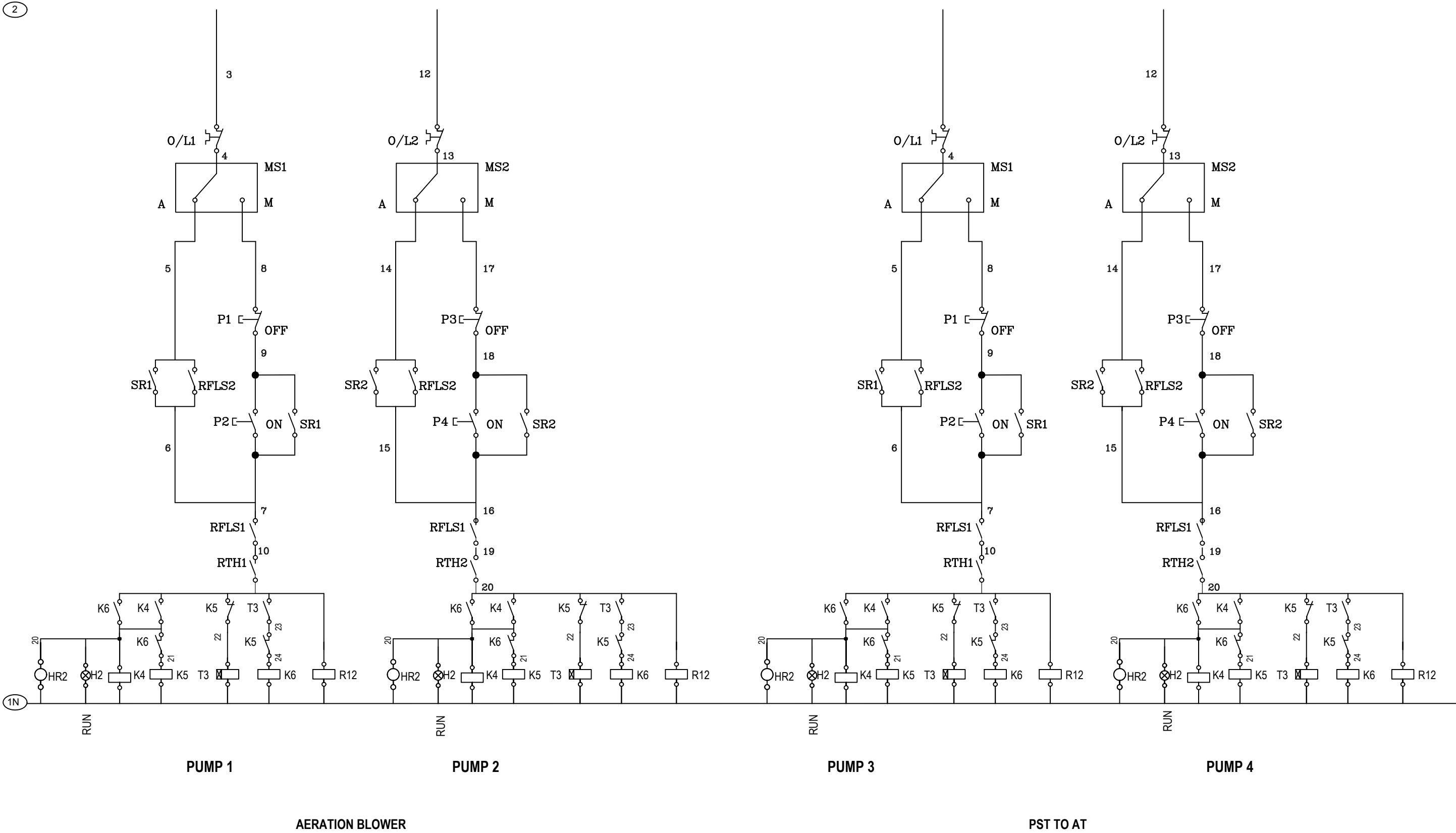
DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
POWER DIAGRAM

DESIGNED	WANNIGAMA	SCALE	NTS
DRAWN	ERANDA	DATE	25 / 04 / 2017
CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/CP/E/001

A3





PROJECT

SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 1

DESIGNED

WANNIGAMA

SCALE

NTS

DRAWN

ERANDA

DATE

25 / 04 / 2017

CHECKED

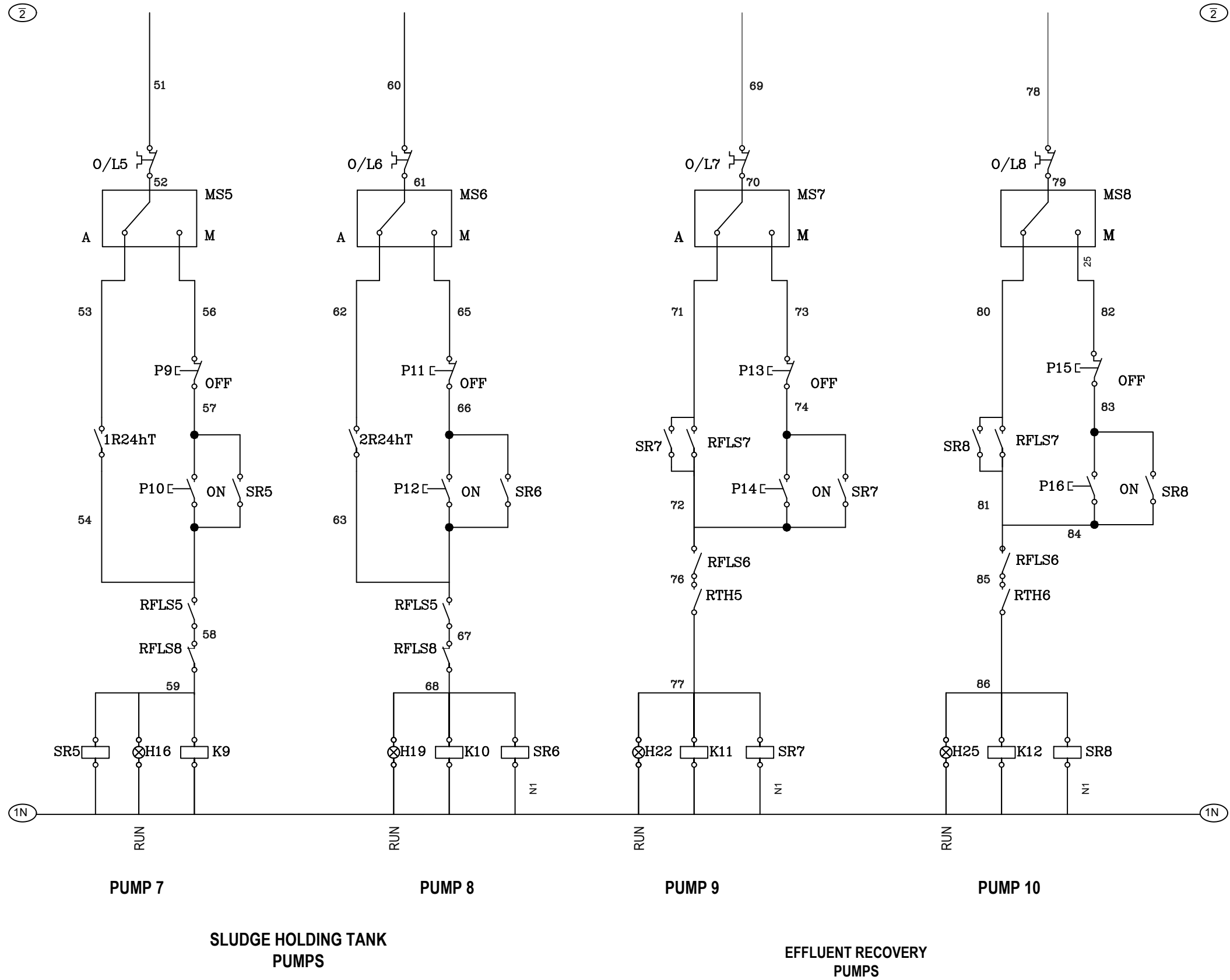
THILAKARATHNE

DRAWING
NUMBER

MV/CP/E/002

A3





PROJECT

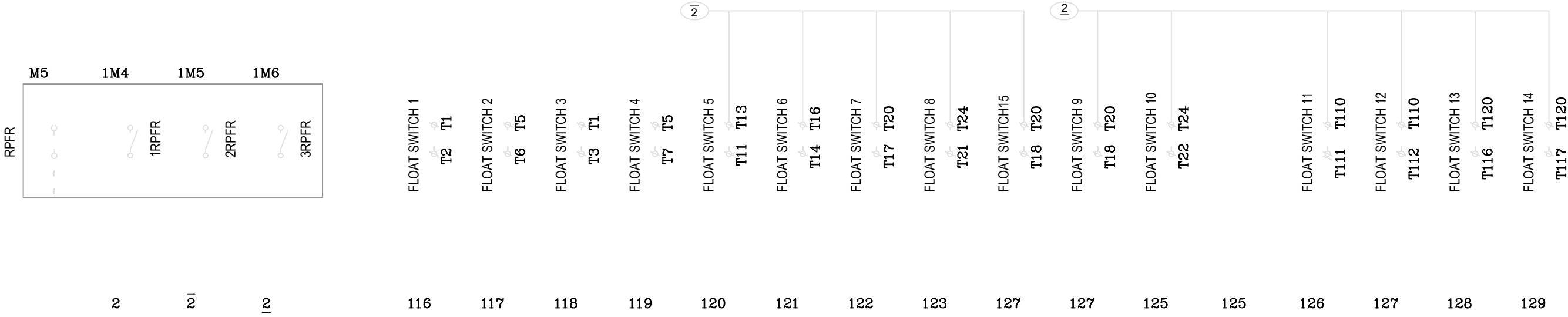
SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 3

DESIGNED	WANNIGAMA	SCALE	NTS
DRAWN	ERANDA	DATE	25 / 04 / 2017
CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/CP/E/002
			A3



PFR

1N

PROJECT

SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 4

DESIGNED

NAYAKE WANNIGAMA

SCALE

1:100

DRAWN

ROSHAN PERERA

DATE

25 / 04 / 2017

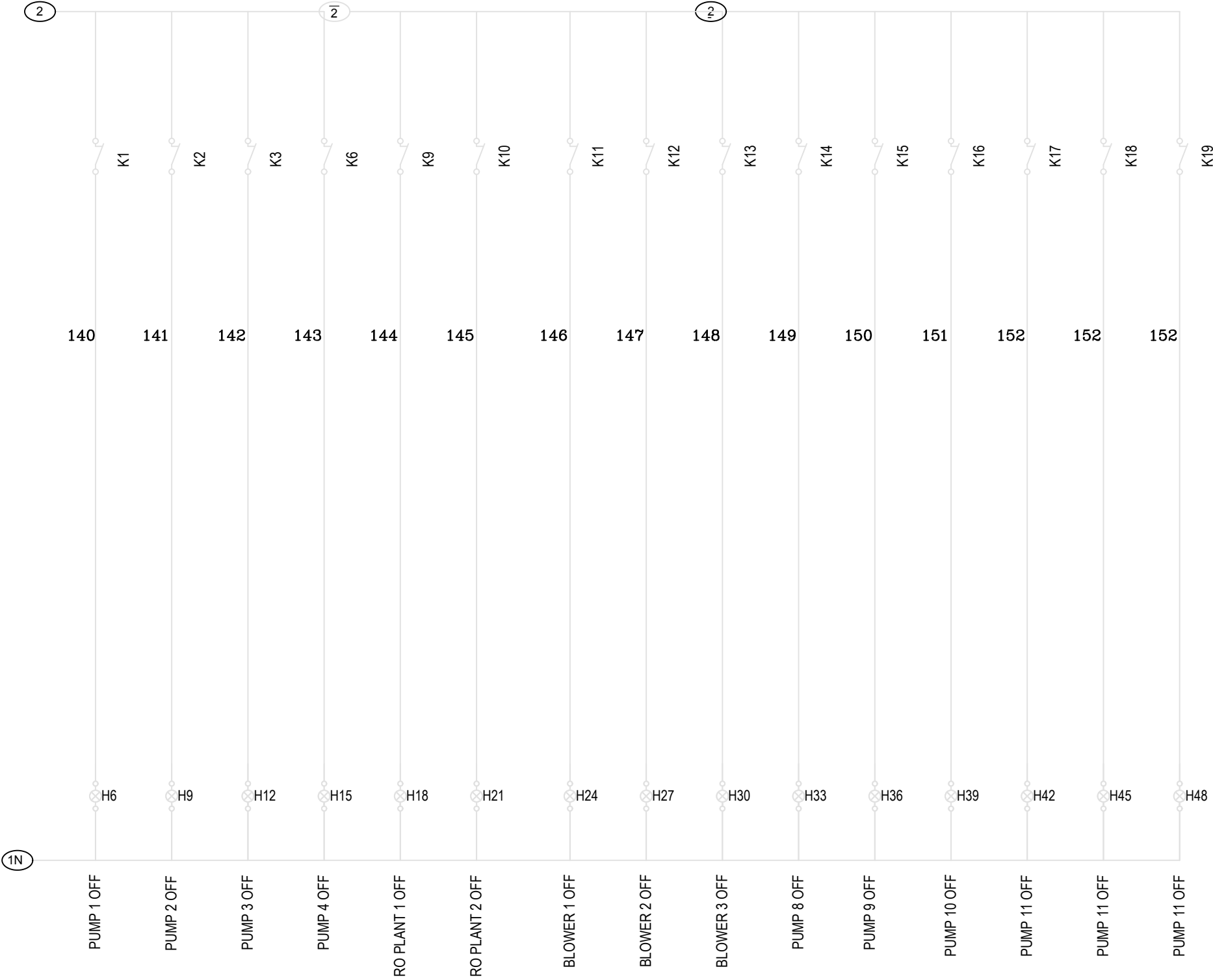
CHECKED

P.W. THILAKARATHNE

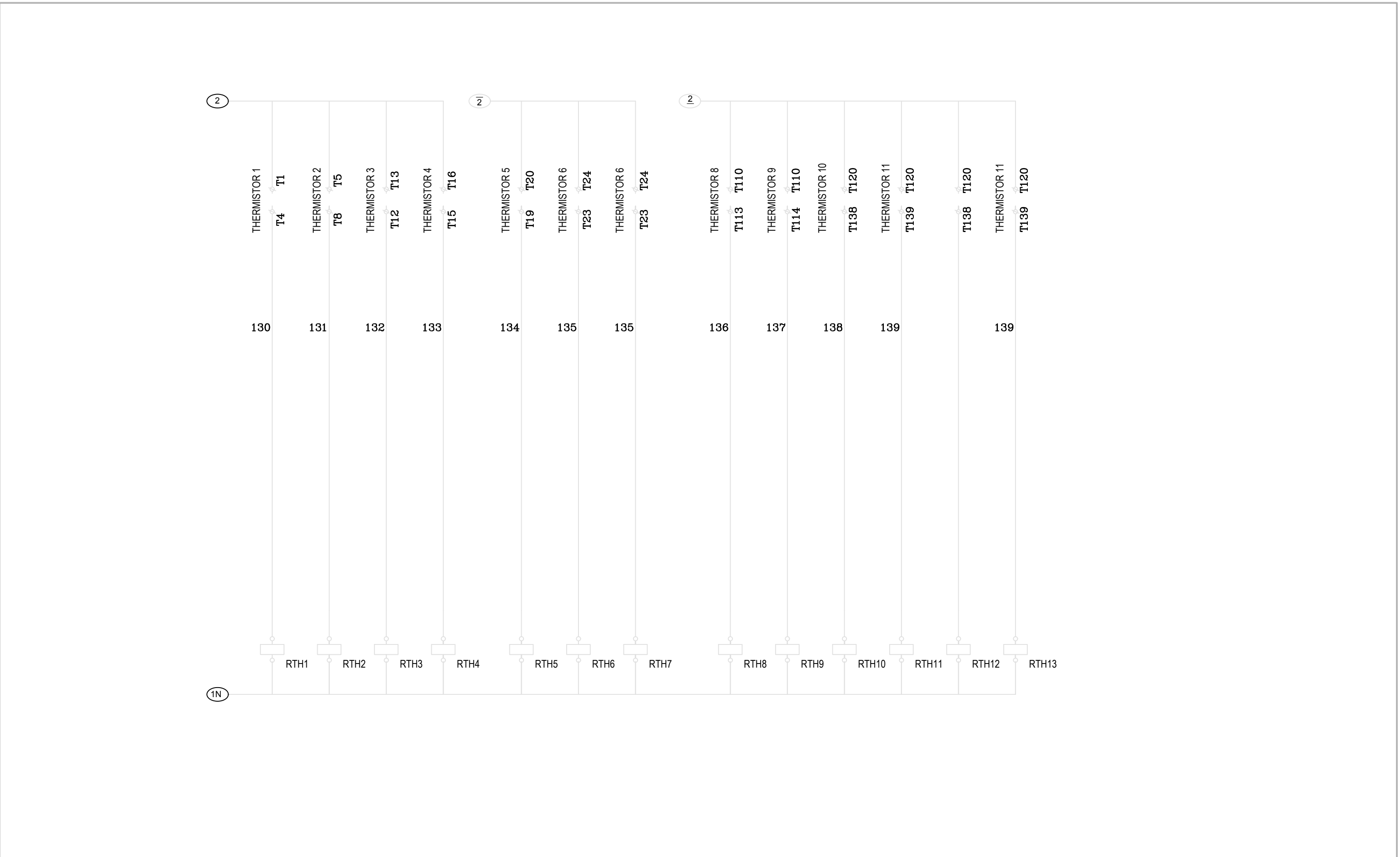
DRAWING
NUMBER

MV/CP/E/004

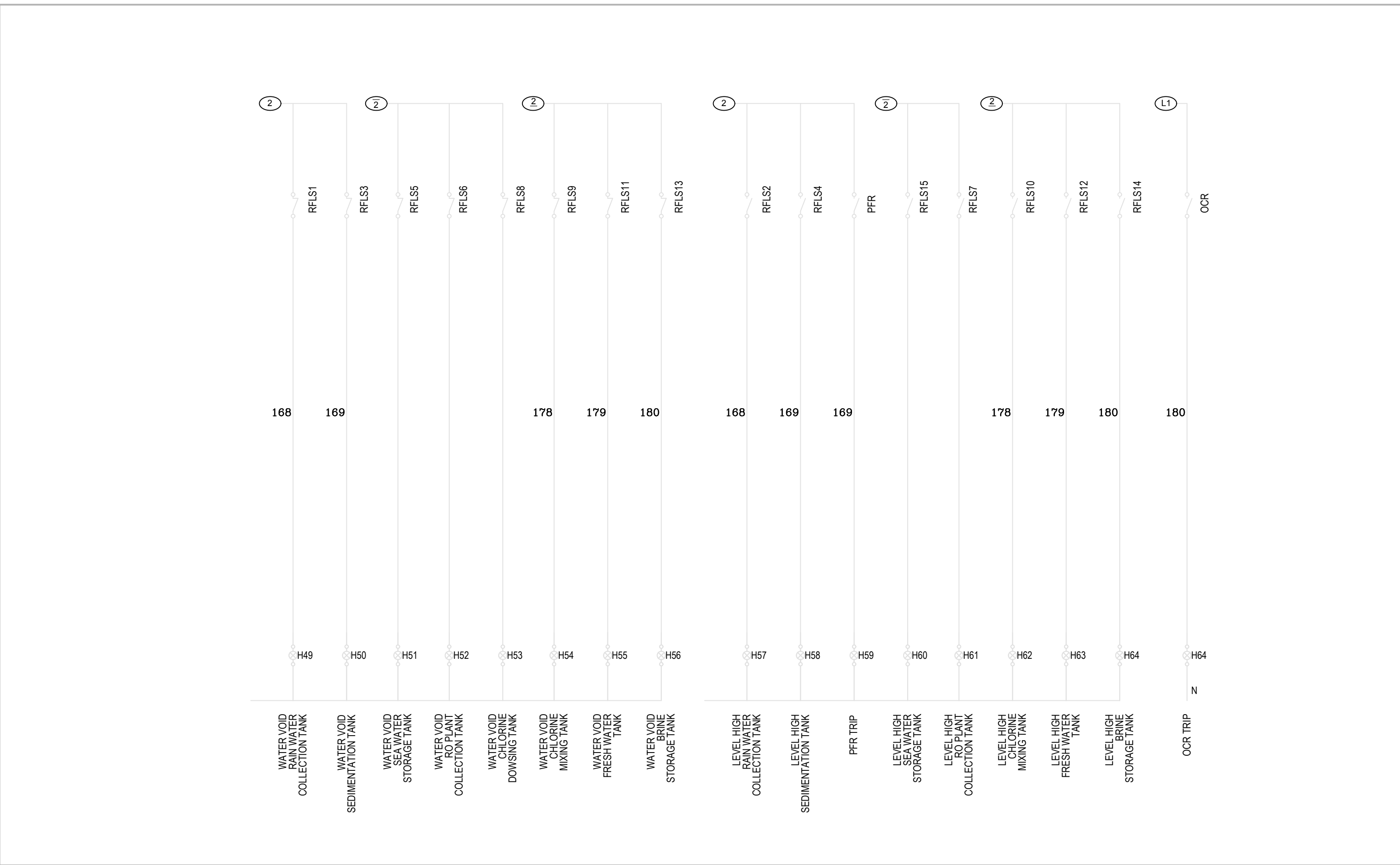
A3



PROJECT										SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES				
			DRAWING TITLE	SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE CONTROL DIAGRAM - 5						DESIGNED	NAYAKE WANNIGAMA	SCALE	1:100	
										DRAWN	ROSHAN PERERA	DATE	25 / 04 / 2017	
										CHECKED	P.W. THILAKARATHNE	DRAWING NUMBER	MV/CP/E/005	A3



PROJECT										SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES									
		DRAWING TITLE	SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE CONTROL DIAGRAM - 6							DESIGNED	NAYAKE WANNIGAMA		SCALE	1:100					
										DRAWN	ROSHAN PERERA		DATE	25 / 04 / 2017					
										CHECKED	P.W. THILAKARATHNE		DRAWING NUMBER	MV/CP/E/006		A3			



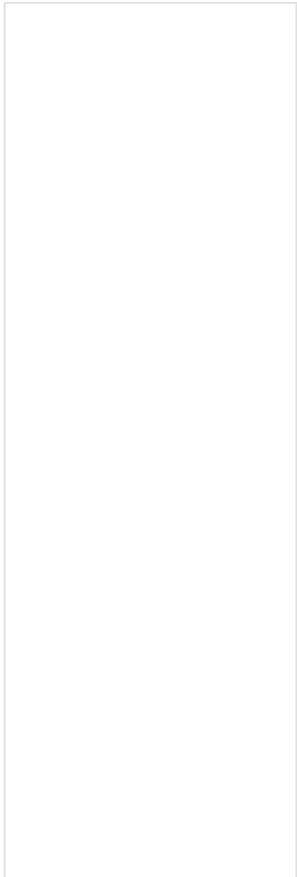
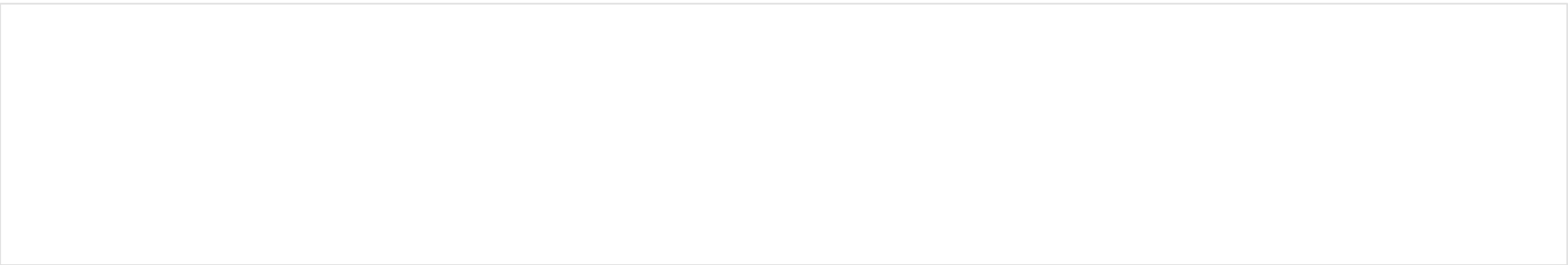
PROJECT

SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES



DRAWING TITLE
**SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 7**

DESIGNED	NAYAKE WANNIGAMA	SCALE	1:100	
DRAWN	ROSHAN PERERA	DATE	25 / 04 / 2017	
CHECKED	P.W. THILAKARATHNE	DRAWING NUMBER	MV/CP/E/007	A3



Enclosure

- 1. H x W x D 1500 x 3000 x 500
- 2. 316 Stainless Steel / GRP
- 3. IP64 (Indoor)

PROJECT

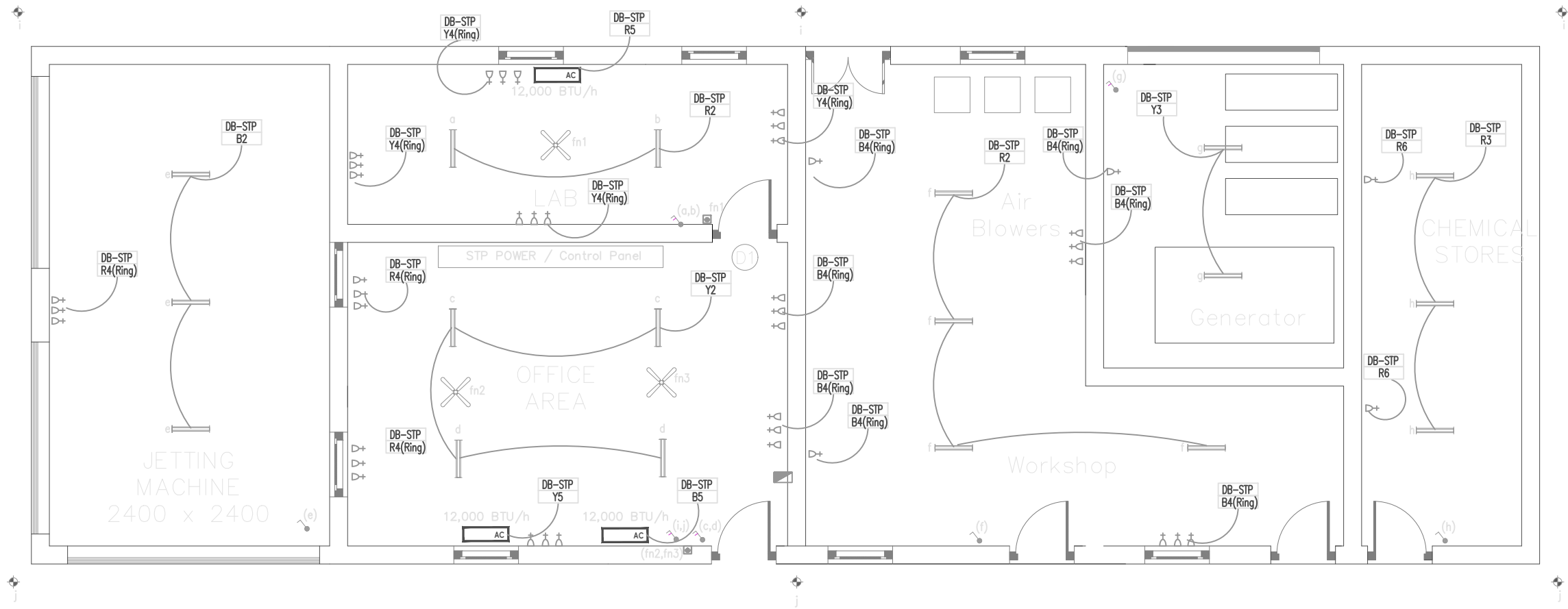
SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT PUMP CONTROL PANEL TYPE AND
SIZE DETAIL

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/CP/E/009	A3

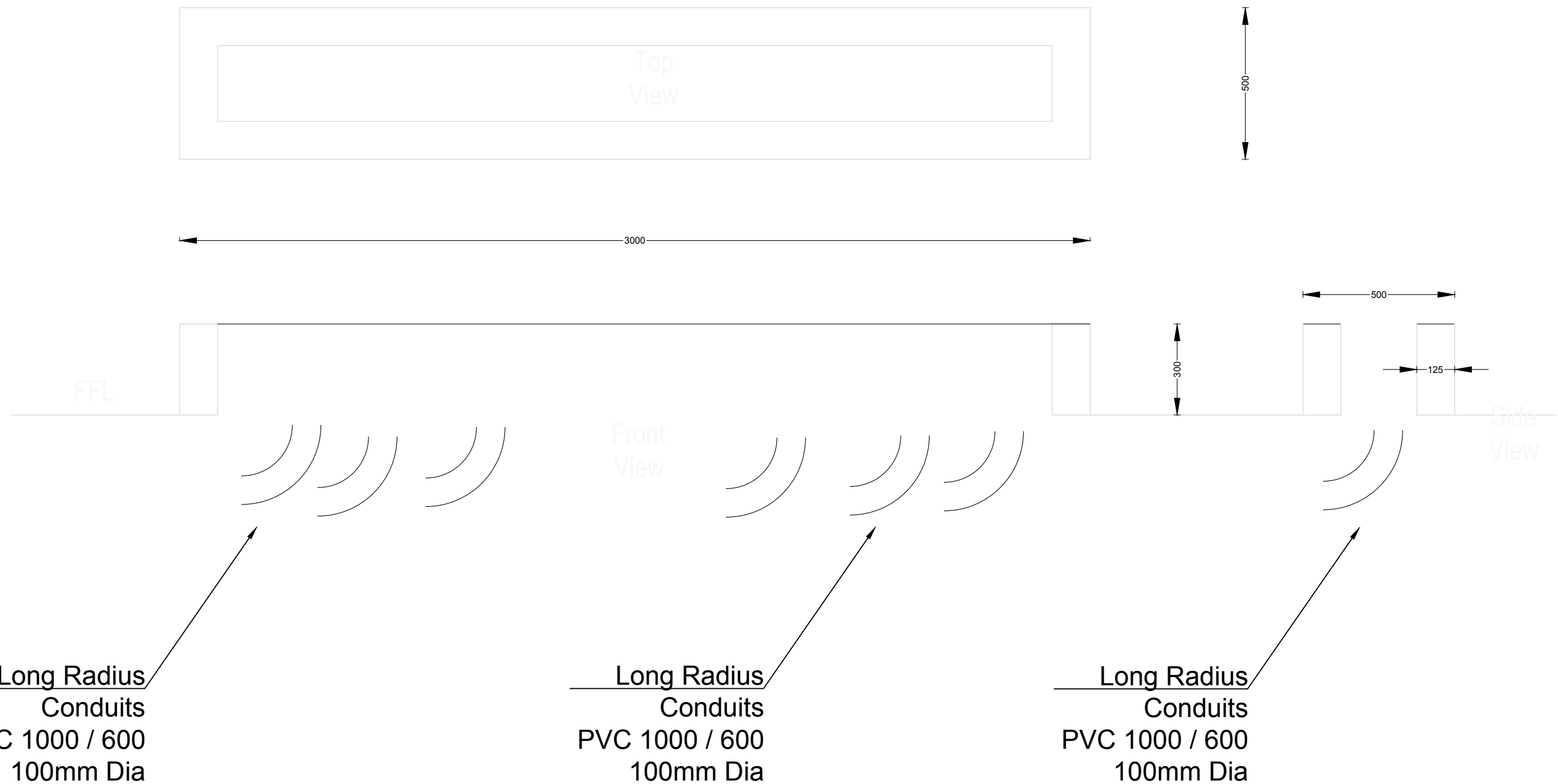


LEGEND	
SYMBOL	DESCRIPTION
	DISTRIBUTION BOARD
	13A SOCKET OUTLET
	ONE WAY SWITCH
	PENDANT DECO LIGHTING (OUT DOOR)
	FAN REGULATOR
	T8 FLUORESCENT LIGHT FITTING
	CEILING FAN

PROJECT

SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES

		DRAWING TITLE	CONTROL BUILDING POWER DETAIL				DESIGNED	WANNIGAMA	SCALE	NTS
							DRAWN	ERANDA	DATE	25 / 04 / 2017
							CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/CB/E/001 A3



PROJECT							SEWERAGE TREATMENT PROJECT IN MADAVELI, MALDIVES				
		DRAWING TITLE	SEWER TREATMENT PLANT PUMP CONTROL PANEL PLINTH DETAIL				DESIGNED	WANNIGAMA	SCALE	NTS	
							DRAWN	ERANDA	DATE	25 / 04 / 2017	
							CHECKED	THILAKARATHNE	DRAWING NUMBER	MV/CP/E/010	A3