EXISTING INSTALLATION

Glodina Dyehouse

REACTIVE DRAIN AND RINSE 1 & 2

ALL OTHER DRAINS

SCREEN FILTER 250 UM 100 UM

K-101 REACTIVE 50 M3

LT 101

FT 101

P-102 TRANSFER PUMP 40 m3/hr 8 bar 11 kW

F-521/2 SETTLING TANKS

K-901 NF Feed Tank

LP PUMP

HIGH FLOW FILTER

HP PUMP

NF STAGE 1

NF STAGE 2

NF CONCENTRATE

K-502 MID TDS

K-921 NF Permeate Tank

PH 101

P-106

pH CORRECTION

PERMEATE TRANSFER PUMP 30 m3/hr 2 bar 3kW

K-503A HIGH TDS 40 M3

K-503B HIGH TDS 20 M3

K-503C HIGH TDS 10 M3

K-503D HIGH TDS 10 M3

P-591

pH CORRECTION

P-551 TRANSFER PUMP 30 m3/hr 6.5 bar 11 kW

25 um SCF

25 um SCF

5 um SCF

P-551

FT 102

P-104 TRANSFER PUMP; 30 M3/H,, 3 kW

K-561 Permeate Holding Tank 250 m3

LT 561

P-561 DYEHOUSE FEED PUMP

FT 103

PS 101

PH 102

DYEHOUSE

P-552 RECIRCULATION PUMP 30 m3/hr 3 kW

K-511A OZONE CONTACT TANK

LT 102

K-104 GAS HOLDER 0.3 m3

V-101 - BLOWER 10 Nm3/hr ?? kW

BOREHOLE

FINAL DISCHARGE

OUTLET

OZONE

P-103 SUBMERSIBLE PUMP 5 m3/hr 2.2 kW

K-501 LOW TDS 40 M3

GRAVITY SCREEN FILTER

K-502 MID TDS 20 M3

K-502 MID TDS

FT 103

P-105 RECIRCULATION PUMP 30 m3/hr 3 kW

K-511B OZONE CONTACT TANK

LT 103

K-105 GAS HOLDER 0.3 m3

V-102 - BLOWER 10 Nm3/hr ?? kW

OXYGEN

AT 101

F-101 OZONE DESTRUCTOR DRS-300 2 KW

PROJECT:	2023016 - GLODINA BRINE INTEGRATION
TITLE:	Process Flow Diagram
DRAWING:	2023016-INTEGRATION-PFD-01-KS

	NAME	DATE
DRAWN	K.SUMADRAJI	2023/04/28
CHECKED		
APPROVED		

AQUEST COLSEN