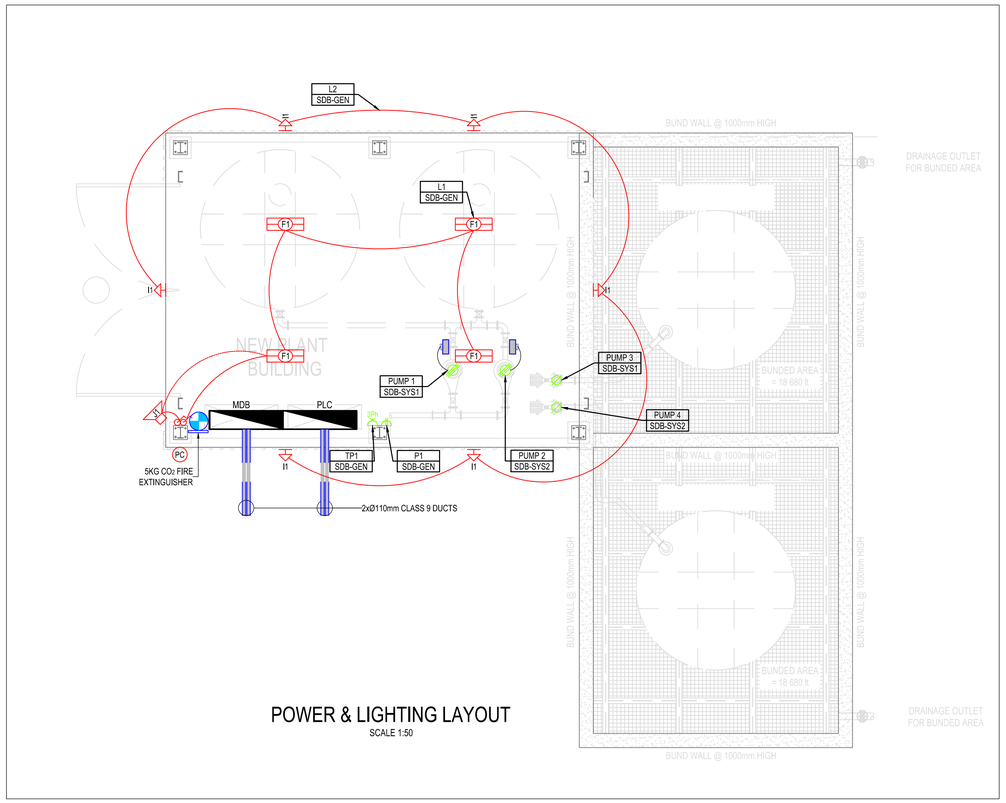
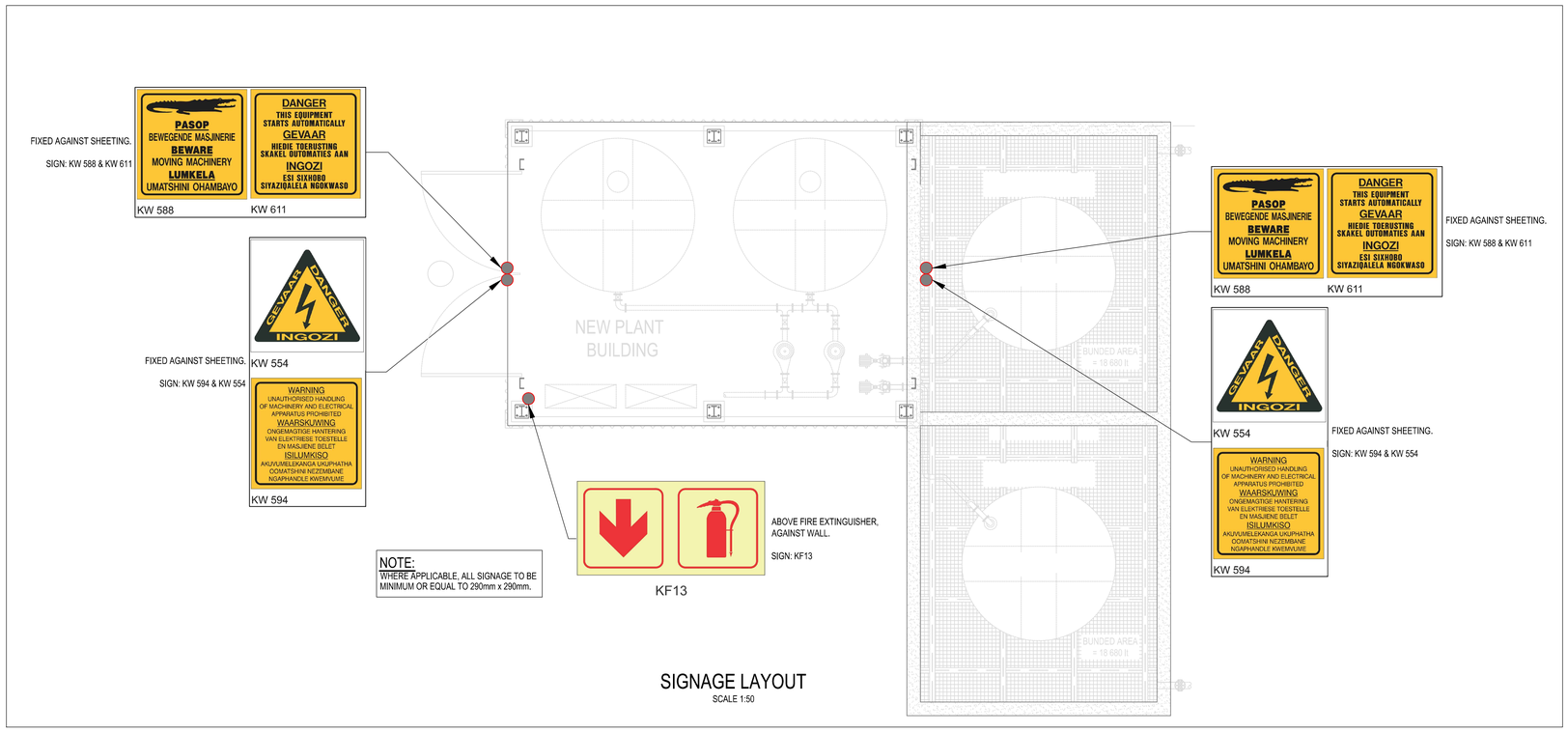
19 May 2017 01:49:16 PM



POWER & LIGHTING LAYOUT
SCALE 1:50

TYPE	POWER LEGEND SPECIFICATIONS	MOUNTING TYPE / HEIGHT
	SURFACE MOUNT, SINGLE POLE ISOLATOR INSTALLED AT HEIGHT AS INDICATED.	HEIGHT AS INDICATED ON DRAWING
	SURFACE MOUNT, THREE POLE ISOLATOR INSTALLED AT HEIGHT AS INDICATED.	HEIGHT AS INDICATED ON DRAWING
	CLASS 9 PVC DUCT - SIZE AS INDICATED ON DRAWING. ALL WITH LONG RADIUS BENDS.	-
	200mm HOT DIPPED GALVANIZED MEDIUM DUTY WIRE MESH CABLE TRAY FOR POWER CABLES	FLOOR MOUNT
	300mm HOT DIPPED GALVANIZED MEDIUM DUTY WIRE MESH CABLE TRAY FOR POWER CABLES	FLOOR MOUNT. WALL MOUNT - 400mm AFFL
	IP65 DOUBLE SWITCHED SOCKET OUTLET, EACH RATED 16A, 100mm x 100mm, TYPE CLIPSAL 56C316/6 GY (IP56) WITH ENCLOSURE.	WALL - 300mm AFFL TO CENTER
	3 PHASE 32A 5 PIN WALL MOUNTED SOCKET OUTLET. IP65 RATED.	WALL - 300mm AFFL TO CENTER
	EMERGENCY STOP BUTTON FOR PUMP MOTOR WIRED TO MCC CONTROLS.	MOUNTED ON PEDESTAL @ 900mm AFFL

TYPE	LEGEND SPECIFICATIONS	MOUNTING TYPE / HEIGHT
DB-B	DISTRIBUTION BOARD	INDICATED ON SINGLE LINE DIAGRAM
F1	VAPOUR PROOF ENCLOSED FITTING WITH 53W LED LAMP. MIN. SPECIFICATION: RATED AT 500mA, 5385 LUMENS & 4000K. AS PER NORDLAND JBLS 1200 OR BETTER APPROVED. IP66 RATED.	CEILING / REFER TO SECTION A-A
PC	PHOTO-CELL MOUNTED IN YORK BOX WITH GLASS COVER.	2800mm AFFL TO CENTRE
J1	FLOODLIGHT WITH 36W LED LAMP. MIN. SPECIFICATION: COLOUR BLACK, RATED AT 700mA, 3796 LUMENS & 4000K. AS PER REGENT LIGHTINGS F104 GAMMA OR BETTER APPROVED. IP66 RATED.	WALL - 2800mm AFFL TO CENTRE
I1	EXTERNAL 18W LED WALL LIGHT WITH EYELID. MIN. SPECIFICATION: COLOUR BLACK, RATED AT 700mA, 1450 LUMENS & 4000K. AS PER REGENT LIGHTINGS GIZA EYELID OR BETTER APPROVED. IP66 RATED.	WALL MOUNTED / 2400mm AFFL TO CENTRE
	16A 1-WAY 3TERMINAL ROTARY SWITCH LUMEX 56SW115GY WITH FLUSH SRRD. 56FA1GY & METAL MOUNTING BRACKET 56FA1B GY	1200mm AFFL TO CENTRE



SIGNAGE LAYOUT
SCALE 1:50

0 10 50 100

NOTES / LEGEND

FOR TENDER PURPOSES

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
T0 / : TENDER DRAWING
0,1,2...../ : AFTER TENDER
Z / : AS BUILT

/A : BY CLIENT
/B : BY ARCHITECT
/C : BY MECHANICAL OR ELECTRICAL
/D : BY BVi
/E : BY OTHER ( )

DATE	INITIAL	No./CODE	REVISION DESCRIPTION
19/05/2017	W.B	0/D	FOR TENDER PURPOSES

COPYRIGHT VESTS IN THIS DOCUMENT AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF BVi CONSULTING ENGINEERS

OFFICES

PROVINCE	OFFICE		E-MAIL
Gauteng	Tshwane	(012) 940-1111	pta@bvigp.co.za
	Polokwane	(015) 291-5400	plk@bvilp.co.za
Free State	Bloemfontein	(051) 447-2137	bfn@bvifs.co.za
	Welkom	(057) 353-0499	wel@bvifs.co.za
Northern Cape	Upington	(054) 337-6600	upt@bvinc.co.za
	Springbok	(027) 712-9990	spk@bvinc.co.za
KwaZulu Natal	Durban	(031) 266-8382	dbn@bvikn.co.za
	Empangeni	(035) 772-6112	emp@bvikn.co.za
Eastern Cape	Port Elizabeth	(041) 373-4343	plz@bviec.co.za
	East London	(043) 726-1444	plz@bviec.co.za
Western Cape	Cape Town	(021) 527-7000	cpt@bviwc.co.za

Visit or contact us online at www.bvigroup.co.za

ISO 9001 REGISTERED | SANAS TESTING LABORATORY | CESA Consulting Engineers South Africa

bvi ENGINEERING PROCUREMENT MANAGEMENT
INCORPORATING basil nair and associates consulting mechanical engineers

Registration no. 1998/000157/07

CLIENT

TRANSNET

PROJECT

TRANSNET ORE TERMINAL
DUST SUPPRESSION UNITS
BUILDING

DRAWING TITLE

PLANT BUILDING FOR EXISTING
DUST SUPPRESSION UNIT:
ELECTRICAL & SIGNAGE LAYOUTS

APPROVED BY BVi

ENGINEER/TECHNOLOGIST | 20080282 REG. NO. | DATE

SCALE	AS SHOWN	DRAWN	WB
DESIGNED	WB	CHECKED	GH

PLAN NUMBER	REVISION NO.	DATE SAVED
32887.00-370-02	0	18 May 2017

O:\PROJECTS DRAWINGS\32000 - 32999\32887.00\ELECTRICAL\TENDER DRAWINGS\32887.00-370 REV 0.DWG