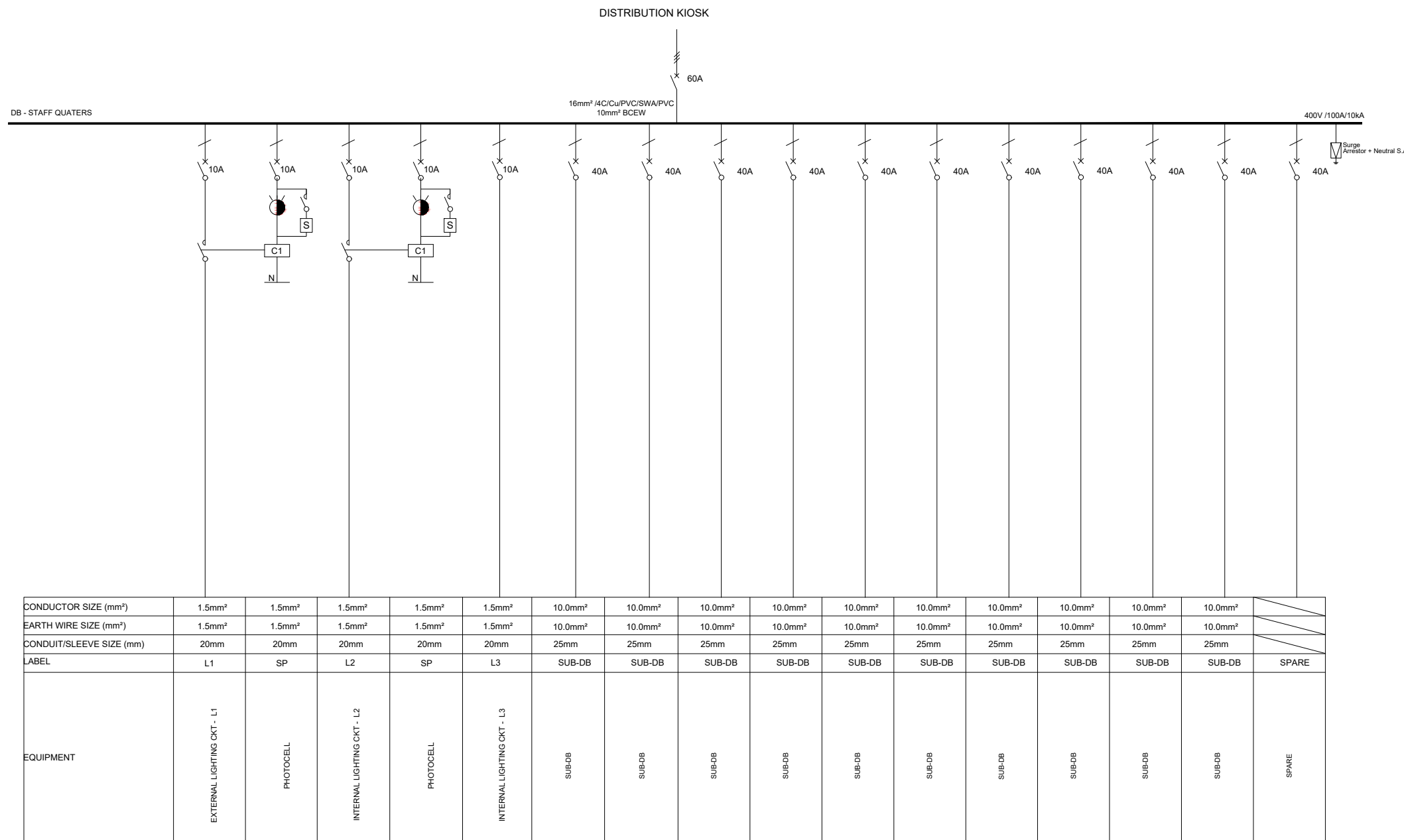


OR PLAN



DISTRIBUTION BOARD CONSTRUCTION AND ELECTRICAL SPECIFICATION																					
			MATERIAL TYPE & THICKNESS			FINISH		CABLE ENTRY													
Recessed	X	Weather Proof	-	1.2mm	X	PVC	-	Etch Prime	-	Top	X	Separated Divisions	X	Colour Main	White	Width	TBA	Busbar Rating	100A	Front Access	X
Semi Recessed	-	Dust Proof	-	1.8mm	-	Steel	X	Brushed	-	Bottom	X	Emergency Section	-	Colour Emergency	Signal Red	Height	TBA	Fault Level	10kA	Rear Access	-
Surface	-	Hinged Panels	X	2.0mm	-			Epoxy Coat	-	Gland Plate	-	UPS Section	-	Colour UPS	Dark Violet	Depth	TBA	Neutral	X	Supply SCore	-
Floor Standing	-							Back	-		-	Normal Section	-	Colour Normal	White			Earth Bar	X	Supply Cable	X
Doors	X													Spare Capacity	30%			Earth Stud	-	Supply Busbar	-

ELECTRICAL LEGEND

	PHOTOCELL
	400V RATED BUS BAR
	SINGLE POLE AND NEUTRAL
	TRIPLE POLE AND NEUTRAL
	SWITCH DISCONNECTOR
	CIRCUIT BREAKER
	SURGE ARRESTORPHASE + NEUTRAL
	EARTH LEAKAGE UNIT

SANS 10400 & XA COMPLIANCE		OTHER APPROVALS		WATER SUPPLIER		SANITATION/ SEWER		SITE INFORMATION		STAGES			PROJECT TEAM			
<div>CONDUTANCE<div><div>Rational Des.</div><div>Standard Cal</div></div><div><div>Y</div><div>N</div><div>Y</div><div>N</div></div></div> <div>SOLAR HEAT GAIN<div><div>Rational Des.</div><div>Standard Cal</div></div><div><div>Y</div><div>N</div><div>Y</div><div>N</div></div></div> <div>GEOGRAPHICAL ZONE<div>NBRs COMPLIANCE</div></div> <div>SITE PLAN<div><div>Yes</div><div>No</div><div>X</div><div></div></div></div> <div>OTHER DRAWINGS<div><div>Yes</div><div>No</div><div>X</div><div></div></div></div>		<div>Enviromental Impact Assessment (EIA)<div><div>Mark with X</div><div>Yes</div><div>No</div><div>N/A</div></div><div><div></div><div>X</div><div></div><div></div></div></div> <div>South African Heritage Resources Agency (SAHRA)<div><div>Mark with X</div><div>Yes</div><div>No</div><div>N/A</div></div><div><div></div><div>X</div><div></div><div></div></div></div> <div>Department of Water and Sanitation (DWS)<div><div>Mark with X</div><div>Yes</div><div>No</div><div>N/A</div></div><div><div></div><div>X</div><div></div><div></div></div></div> <div>South African National Roads Agency (SANRAL)<div><div>Mark with X</div><div>Yes</div><div>No</div><div>N/A</div></div><div><div></div><div>X</div><div></div><div></div></div></div> <div>Other<div><div>Mark with X</div><div>Yes</div><div>No</div><div>N/A</div></div><div><div></div><div></div><div></div><div></div></div></div>		<div>MUNICIPALITY<div><div>Yes</div><div>No</div><div>X</div><div></div></div></div> <div>BOREHOLE<div><div>Yes</div><div>No</div><div>X</div><div></div></div></div> <div>PRESSURE<div><div>Mark with X</div><div>Yes</div><div>No</div><div>N/A</div></div><div><div></div><div>X</div><div></div><div></div></div></div> <div>TANKS<div><div>Mark with X</div><div>Yes</div><div>No</div><div>N/A</div></div><div><div></div><div>X</div><div></div><div></div></div></div> <div>OTHER STORE<div><div>Yes</div><div>No</div><div>X</div><div></div></div></div>		<div>MUNICIPALITY<div><div>Yes</div><div>No</div><div>X</div><div></div></div></div> <div>SEPTIC TANKS<div><div>Yes</div><div>No</div><div>X</div><div></div></div></div> <div>PIT LATRINES<div><div>Yes</div><div>No</div><div>X</div><div></div></div></div> <div>OTHER<div><div>Yes</div><div>No</div><div>X</div><div></div></div></div>		<div>ERF No.</div> <div>COVERAGE<div>8.4%</div></div> <div>VILLAGE NAME</div> <div>DISTRICT</div> <div>COORDINATES</div>		<div><div>SIPDM</div><div>SACAP</div><div>Mark with X</div></div> <div><div>0</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div></div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div>X</div><div></div></div>			<div>COMPETENT CONTACT PERSON</div> <div>CONTACT No.</div> <div>REGISTRATION No.</div> <div>COMPANY NAME</div> <div>ARCHITECT</div> <div>GABRIEL K BUSHE</div> <div>071 059 1714</div> <div>PAT 34983284</div> <div>KUMA CONSULTING</div> <div>Q. SURVEYOR</div> <div>SIYABULELA LIWANI</div> <div>078 662 6830</div> <div>SACQSP 3285</div> <div>KUMA CONSULTING</div> <div>STRUCT. ENG</div> <div>KUDA NYABADZA</div> <div>078 879 2332</div> <div>ECSA 201770127</div> <div>KUMA CONSULTING</div> <div>CIVIL ENG</div> <div>BANDILE GXOWA</div> <div>061 107 1695</div> <div>ECSA</div> <div>KUMA CONSULTING</div> <div>MECH. ENG</div> <div>MICHAEL TSAHA</div> <div>071 896 4674</div> <div>ECSA 20140130</div> <div>KUMA CONSULTING</div> <div>ELECT. ENG</div> <div>MICHAEL TSAHA</div> <div>071 896 4674</div> <div>ECSA 20140130</div> <div>KUMA CONSULTING</div> <div>OHS</div> <div>RANGARIRAI MUSWERE</div> <div>083 733 7689</div> <div>SACPCMP CHSA/ 192/2020</div> <div>KUMA CONSULTING</div> <div>CONTRACTOR</div>			
<div>Drawn: Fungai Hamudikuwanda</div> <div>Checked: Michael Tsaha</div>		<div>Reg No: ECSA 2020402552</div> <div>Reg No: ECSA20140130</div>		<div>Signature</div> <div>Signature</div>		<div>Project Number</div> <div>Date: 15 November 2021</div>		<div>Occupancy Classification</div> <div>A1</div>		<div>Rev No: 0</div>						

GENERAL NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWING.

ALL DIMENSIONS, LEVELS, ETC ARE TO BE CHECKED BEFORE ANY WORK IS COMMENCED AND ANY DICREPAANCIES NOTED TO BE BROUGHT TO THE ARCHITECT'S ATTENTION.

ONLY FIGURED DIMENSIONS TO BE USED. SCALING OF DRAWINGS IS NOT ADVISABLE.

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GEOTECH INFORMATION

SOIL TYPE: CLAYEY SILT, RESIDUAL ANDESTE

ASSUMED SOIL BEARING CAPACITY: EASBP = 150 kPa

RECOMMENDED FOUNDATION TYPE: CONCRETE RAFT

RECOMMENDED FOUNDATION DEPTH: 600MM

DBSA APPROVAL

NAME:.....

SIGNATURE:.....DATE:.....

DBSA APPROVAL

NAME:.....

SIGNATURE:.....DATE:.....

DEPARTMENT OF TOURISM APPROVAL

NAME:.....

SIGNATURE:.....DATE:.....

DEPARTMENT OF TOURISM APPROVAL

NAME:.....

SIGNATURE:.....DATE:.....

DEPARTMENT OF TOURISM APPROVAL

NAME:.....

SIGNATURE:.....DATE:.....

MUNICIPAL APPROVAL

NAME:.....

SIGNATURE:.....DATE:.....

CLIENT

DBSA

PRINCIPAL AGENT

KUMA CONSULTING

COMPETENT CONTACT PERSON:

MICHAEL TSAHA

DISCIPLINE

ELECTRICAL

PROJECT NAME

LETLAMORENG DAM

PROJECT STATUS

STAGE 1-3

STAGE 4

STAGE 5-6

CONCEPT

TENDER

CONSTRUCTION

DESCRIPTION

STAFF QUARTERS ELECTRICAL LAYOUT

SCALE:

1/100

DRAWN:

NAME OF COMPETENT PERSON:

Fungai Hamudikuwanda

CHECKED:

NAME OF COMPETENT PERSON:

Michael Tsaha

REG No:

ECSA 2020402552

REG No:

ECSA20140130

SIGNATURE

SIGNATURE

PROJECT NUMBER

DATE:

15 November 2021

DWG No:

ELESTQTR5/01

OCCUPANCY CLASSIFICATION

A1

REV No:

0