

2

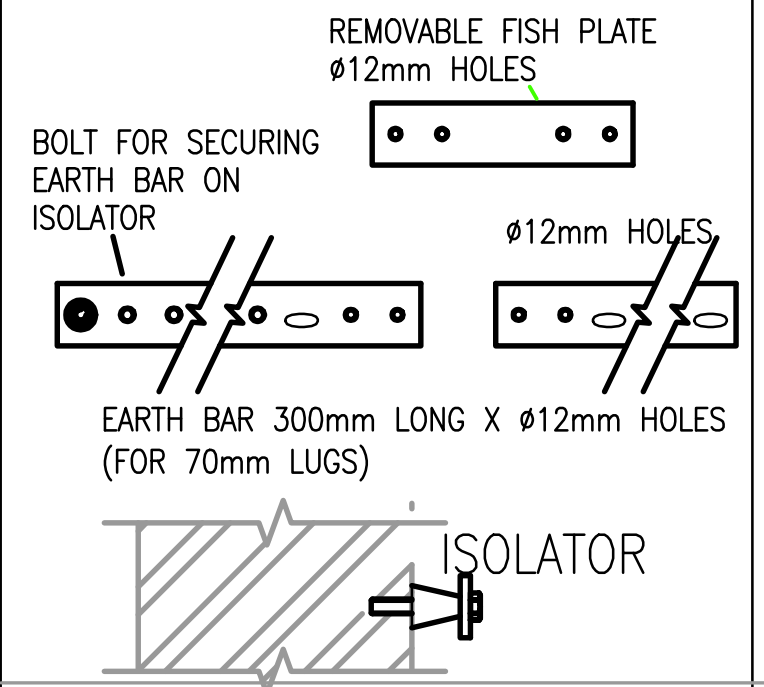
REMAINDER OF PORTION 4

ISSUED FOR
TENDER

LEGEND

- 70mm BCEW BURIED AT 1000mm DEPTH, 1000mm AWAY FROM EDGE OF THE BUILDING
- Ø16mm VERTICALLY DRIVEN 1.5m EXTENSIBLE EARTH ROD
- CADWELD CONNECTION
- EARTH LUG CONNECTION
- TINNED COPPER MAIN EARTH BAR MOUNTED ON WALL 350mm ABOVE TRENCH FLOOR
- CONNECTION TO SLAB REINFORCEMENT STEEL
- WALKWAY BONDING EARTH ELECTRODE 1500mm LONG, SOLID COPPER, Ø16mm

ILLUSTRATION OF MAIN EARTH BAR



CLIENT

DEVELOPMENT BANK
OF SOUTHERN AFRICA

DBSA
Development Bank
of Southern Africa

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1685

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REV NO	DATE	DESCRIPTION
B	2021-11-11	ISSUED FOR TENDER
A	2021-10-19	ISSUED FOR REVIEW

REVISIONS

PROJECT CONSULTANT

PROJECTNEERS

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DRAWING CHECKS	DESIGNED BY	DESIGN CHECKED BY	DRAWN BY	DRAWING CHECKED BY
F.MPOFU	B.TSHUMA		B.MDLULI	F.MPOFU

APPROVAL CONSULTANT	DATE	PROJ. REG. NO.	THE WATER HEAT AT THE PROJECTNEERS CONSULTING ENGINEERING OFFICE BEARS THE ORIGINAL SIGNATURE OF APPROVAL
F.MPOFU	2021-10-15	20140343	

PROJECT NAME
PROPOSED ADDITIONAL SCHOOL INFRASTRUCTURE, RENOVATIONS AND REFURBISHMENTS AT GOAKGANYA PRIMARY SCHOOL ON PORTION 85 OF PORTION 4 OF THE FARM KLIPGAT No. 249-JQ ON BEHALF OF THE NORTH WEST DEPARTMENT OF EDUCATION (NW D&E)

PROJECT SITE
GOAKGANYA PRIMARY SCHOOL

SHEET TITLE
LIGHTNING PROTECTION LAYOUT

DISCIPLINE
ELECTRICAL

CONTRACT NUMBER
RFP268-2019

FILE NUMBER
ZA2020_2003

DRAWING NUMBER
PJN_ZA_2020_2003_DBSA_GPS_ELEC_6303_B

SCALE
AS INDICATED

