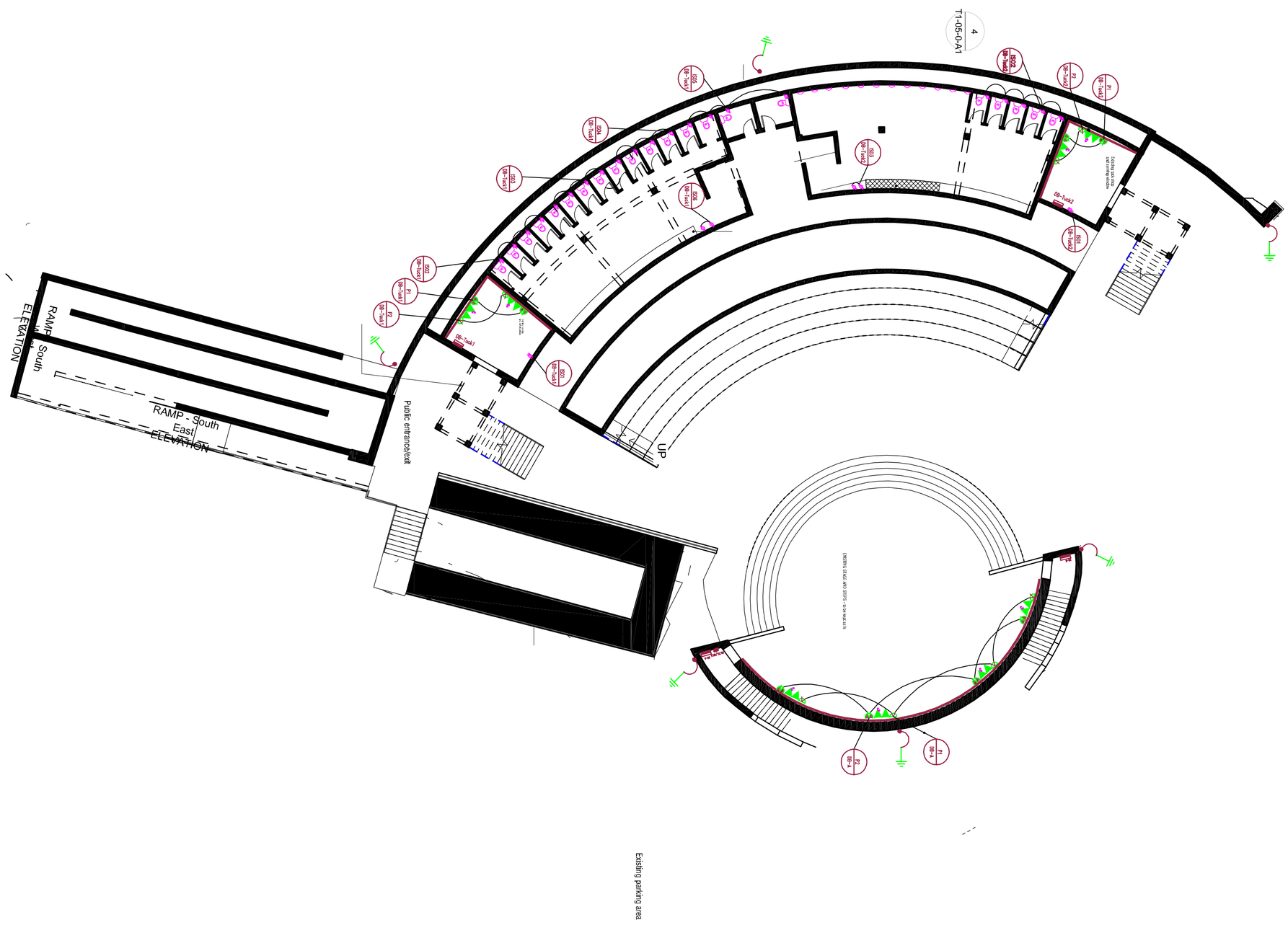
Electrical Layout

SCALE: 1 : 200

Detail:1



ELECTRICAL LEGEND

- ELECTRICAL DISTRIBUTION BOARD.
- DATA DISTRIBUTION BOARD
- NORMAL DOUBLE SOCKET OUTLET
- NORMAL SINGLE SOCKET OUTLET
- DEDICATED DOUBLE SOCKET OUTLET
- TWO COMPARTMENT POWER SKIRTING
- INTERCOM DISTRIBUTION BOARD
- TELEPHONE DISTRIBUTION BOARD
- SINGLE PHASE ISOLATOR
- THREE PHASE ISOLATOR
- DATA POINT
- COMPUTER POINT. HEIGHT AS SPECIFIED IN THE DRAWING
- CONDUIT EMBEDED THROUGH THE WALL
- DOWN CONDUCTOR
- EARTH ELECTRODE
- PHOTO CELL

GENERAL NOTES:

ALL MATERIALS AND CONSTRUCTION METHODS TO COMPLY WITH THE NATIONAL BUILDING REGULATIONS (ACT No. 103 OF 1997) INCLUDING ALL REVISIONS AND ALL APPLICABLE BYLAWS OF THE CONCERNED LOCAL AUTHORITY. ALL DIMENSIONS TO BE VERIFIED ON SITE AND NO DRAWING IS TO BE SCALED. ANY DISCREPANCIES OR CONTRADICTIONS MUST IMMEDIATELY BE POINTED OUT TO THE ARCHITECT FOR CORRECTION OR EXPLANATIONS BEFORE ANY CONSTRUCTION PROCEED

DRAINAGE NOTES:

ALL GUTTER IN OPEN AIR.
ALL SOLIPIPES TO HAVE MINIMUM FALL OF 1:40
IEs AT ALL CHANGES OF DIRECTIONS AND JOINTS
IEs TO HAVE MARKED COVERS AT GROUND LEVEL
PIPES UNDER BUILDINGS OR WALLS TO HAVE REINFORCED FOUNDATION OVER CROSSINGS.
NO CHANGE OF DIRECTION OR JUNCTION UNDER BUILDING
ALL WASTEPIPES TO BE 50dmm & FULLY ACCESSIBLE
ALL WASTEPIPE APPLICATIONS ON STUBSTACKS TO BE INDIVIDUALLY ANTI-SIPHONED WITH 51mm ANTI-VACUME TRAP
ALL WASTEWATER APPLICATIONS TO HAVE WATERTRAPS
SOIL & SEWERPIPES TO BE 100dmm
GEYSERS TO BE ACCORDING TO SABS 0254
GLAZIERS ACCORDING TO SABS 0137
CHIMNEYS ACCORDING TO PART IV1-V4 OF NBR
SHOWERS TO HAVE BRASS TRAPS
10 YEAR WATERPROOFING GUARENTEE TO BE CEDED TO THE CLIENT BY THE CONTRACTOR
NO CEMENT BRICKS TO BE USED UNLESS SPECIFIED BY CLIENT, ARCHITECT OR PRINCIPAL AGENT.

MASONARY: CEMENT AND CONCRETE NOTES:

ALL MASONRY UNITS TO HAVE A COMPRESSIVE STRENGTH NOT LESS THAN 7MPa.
BURNT CLAY MASONRY UNITS SHALL COMPLY WITH THE REQUIREMENTS OF SANS 227.
CONCRETE MASONRY UNITS SHALL COMPLY WITH THE REQUIREMENTS OF SANS 1215.
MASONRY WALLING SHALL COMPLY WITH THE REQUIREMENTS OF SANS 2001-CM: 2007

CEMENT USED FOR MORTAR SHALL BE COMMON CEMENTS COMPLYING WITH THE REQUIREMENTS OF SABS ENV 197-1 & MASONRY CEMENTS COMPLYING WITH THE REQUIREMENTS OF SABS ENV 413-1

MORTAR SHALL BE CLASS II HAVING A MIN. COMPRESSIVE STRENGTH AT 28 DAYS OF 7MPa AS PER SABS 0164-1

PRECAST CONCRETE LINTELS USED FOR STRUCTURAL PURPOSES SHALL COMPLY WITH THE REQUIREMENTS OF SANS 1504

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Page description

Plugs Layout

Project Number / Project Name

2018-02
JL DUBE ALTERNATIVE

No.	Description	Date
A	Issue for Tender	200831

Official stamp and signature

FOR TENDER

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Drawing Number	T1-02-1-A1-EP1
Revision	A
Date	2020/06/30 1:31:11 PM
Drawn	LCO
Scale	1 : 200
Checked by	MM