



GENERAL NOTES:

- FOR COMPLETE STRUCTURAL NOTES REFER TO DRAWING NR. 1702741-S-000 GENERAL NOTES
- THIS SET OF DRAWINGS IS TO BE READ IN CONJUNCTION WITH THE RELEVANT DRAWINGS FROM OTHER DISCIPLINES AND ANY DISCREPANCIES BETWEEN THEM SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- NO SCALING OF DIMENSIONS IS PERMITTED ON THESE DRAWINGS. ONLY WRITTEN DIMENSIONS WHICH UNLESS NOTED OTHERWISE (i.e. ARE GIVEN IN MILLIMETERS, MAY BE DEEMED CORRECT. IF ANY DIMENSION SEEMS DOUBTFUL, THE ENGINEER SHALL BE CONSULTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL MATERIAL SHALL COMPLY AND ALL WORKMANSHIP SHALL BE EXECUTED IN STRICT ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS SHOWN ON THESE DRAWINGS. THE LATEST REVISION OF SANS 10400: SANS 2001, THE NATIONAL BUILDING REGULATIONS (NBR) AND THE LATEST EDITIONS OF THE RELEVANT SANS CODES OF PRACTICE AND STANDARD METHODS, RESPECTIVE OF WHETHER THE ENGINEER HAS INSPECTED THE WORKS ON SITE OR NOT, WHERE A SANS CODE HAS BEEN REFERENCED BY A SANS CODE IT IS DEEMED THAT THE LATEST VERSION OF THE RELEVANT CODE IS APPLICABLE.
- ALL STEEL AND FIXINGS TO BE HOT-DIP GALVANIZED
- PAINTING TO ARCH. SPECIFICATIONS
- ALL OPEN ENDS TO BE CLOSED WITH PLATE TO AVOID WATER INGRESS
- ALL VENT HOLES FOR HDG TO BE SO POSITIONED TO AVOID RAINWATER INGRESS & ENSURE DRAINAGE OF RAINWATER FROM MEMBERS.
- SHOP DRAWINGS TO BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO MANUFACTURING.
- ALL SETTING OUT TO BE DONE ACCORDING TO THE CIVIL ENGINEERS DRAWINGS.
- NO SERVICES SHOWN ON DRAWINGS.
- ALL FOUNDATION DESIGNS ARE SUBJECT TO DYNAMIC CONE PENETROMETER (DCP) TESTS. ALL DCP TESTS ARE TO BE DONE WITHIN THE FOUNDATION TRENCH PRIOR TO CASTING OF CONCRETE. MINIMUM DCP BEARING CAPACITY 100kPa.
- CONCRETE STRENGTHS:
 - STRIP FOOTINGS: 25MPa/19mm
 - FLOOR SLABS, WALLS & COLUMNS: 25MPa/19mm
 - BLINDING: 15MPa/19mm
 - MASS CONCRETE: 15MPa/19mm
- STRUCTURAL CONCRETE MINIMUM BINDER CONTENT = 340kg/m³, MAX W/B RATIO = 0.55
- COVER TO REINFORCEMENT:
 - FOUNDATIONS: 50mm
 - COLUMNS: 30mm TO STIRRUPS

NOTE ON STEELWORK:

- ALL STEEL TO BE HOT-DIP GALVANIZED TO SANS 121
- ALL GALVANIZED ROOF SHEETING ACCORDING TO SANS 498:2007
- ALL STEEL TO BE PAINTED ACCORDING TO ARCHITECTS SPECIFICATIONS
- ANY SITE WELD/END DAMAGE TO HOT DIP GALVANIZED ELEMENTS TO BE REPAIRED WITH "ZnAlfx" OR "Sphurix" ACCORDING TO SUPPLIERS SPECIFICATIONS
- ALL BOLTS, NUTS AND WASHERS SHALL BE HOT DIP GALVANIZED AND NO ELECTROPLATED ELEMENTS WILL BE ACCEPTED.

Rev	Issued by	Description	Date
A	NT	ISSUED FOR INFORMATION	2018/11/30
B	NT	ISSUED FOR CLIENT APPROVAL	2019/05/13

ORIGINAL SIZE A0

Client/Employer

ELEMENT
Consulting Engineers
A FIFTH DIMENSION TO ENGINEERING

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Project

ACSA - CTIA VALET OPERATORS' RELOCATION

Plan Description

PARKADE 2 (MSP1) - NEW ENTRANCE CANOPY STRUCTURAL STEEL LAYOUT

Designed	NT	Scale	As indicated
Drawn	NT <td>Date</td> <td>2018/05/13</td>	Date	2018/05/13
Checked	MD <td>Approved</td> <td>MD 5851-43</td>	Approved	MD 5851-43

Contract No. 1702741

Drawing No. 1702741/S /25

Revision B

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