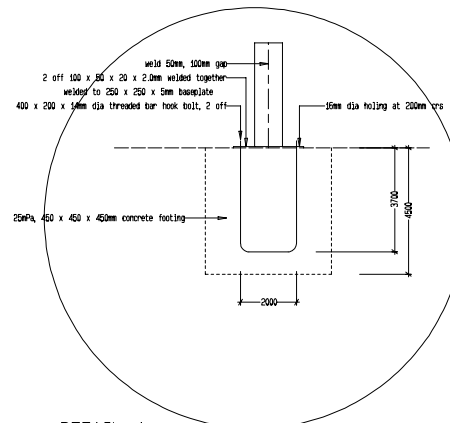
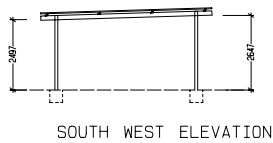


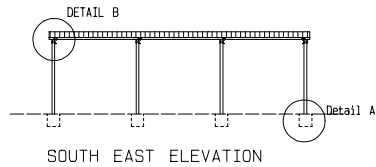
DETAIL B



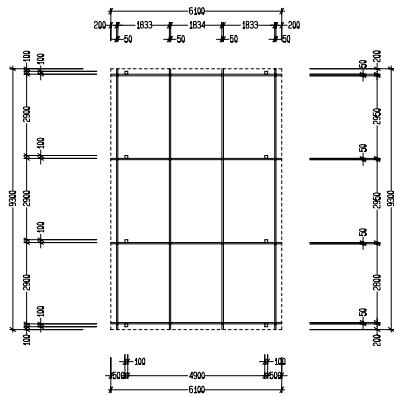
DETAIL A



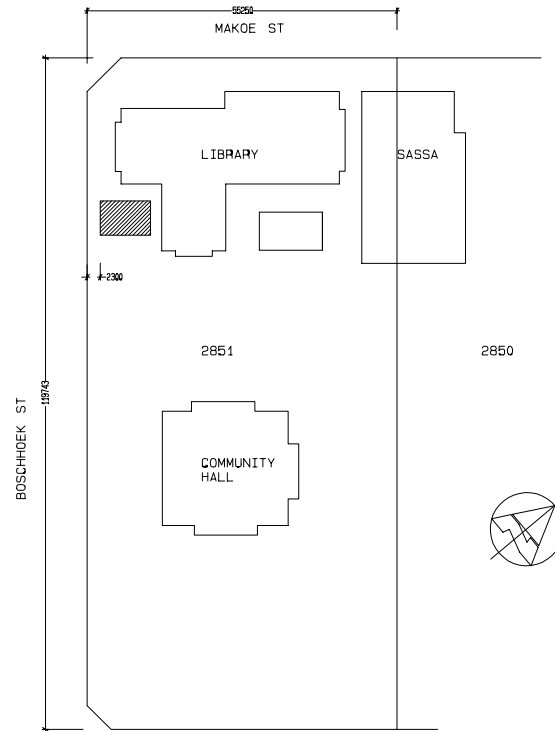
SOUTH WEST ELEVATION



SOUTH EAST ELEVATION



PLAN 1:100



SITE PLAN 1:500

STRUCTURAL STEELWORK
 All JPEs, Columns, Joists, etc. shall be hot rolled mild steel unless otherwise specified.
 All purlins and side cladding rails shall be cold rolled sections unless otherwise specified.
 All designed members shall be full length.

WELDING
 All welding to be done electrically, unless otherwise specified.
 Welding rods used shall be of the same composition as the material welded.
 External welds to be machine ground/fillet clean and smooth.
 All welding shall be continuous fillet welding, unless otherwise specified.
 Welding shall penetrate deep into material.

PREPARATION
 Preparation of Steel Surfaces for Painting (SABS 064)
 One coat primer shall be applied at place of manufacture.
 2 coats of battleship grey shall be applied on site.

FIXING
 Screw bolts shall comply to SABS spec for ISO Metric Black Bolts, Screws and Nuts (SABS 135) or ISO Metric Precision Hexagon-headed Bolts, Screws and Nuts (SABS 136).
 Steelwork shall be stored and handled in accordance to the latest edition of the NBR (SABS 0400).

CONCRETE FLOOR
 Typical concrete floor details shown on section.
 Concrete floor is not included in construction.

MATERIALS LIST

Qty	Unit	Description
Columns		
8	2850mm	150 x 50 x 20 x 2.0mm lipped channel
8	2850mm	150 x 50 x 20 x 2.0mm lipped channel
8	ea	250 x 250 x 5mm base plate
16	ea	14mm dia hookbolts, complete with washers and nuts
8	ea	Footing, 450 x 450 x 450mm, 25 MPa concrete (0.91 m3 each)
Rafters		
4	6100mm	150 x 50 x 20 x 2.0mm lipped channel
4	5300mm	150 x 50 x 20 x 2.0mm lipped channel
16	140mm	60 x 60 x 5mm angle cleat, welded to rafter
8	ea	150 x 100 x 3mm washer plate
32	ea	25 x 14mm dia bolts, complete with nuts and washers
Roof		
14	6100mm	0.5mm fullhard EBR sheets
32	m	Chromadek drip flashing, pop riveted to roof (buffalo brown)
112	ea	Hookbolts to roof, complete with neoprene washer
200	ea	4.0 x 20mm pop rivets

Area Lean-to	56.7 m2
TOTAL AREA	0 m2
Area Stand	0.0 m2
Coverage	0.0 %

Signature: Date/Representative Date

Draughting & Survey Services
 P O Box 750
 1430 HEIDELBERG Gardens
 Fax: 086 556 1710 (ZA)
 Cell/Whats: +27 804 122 122
 e-mail: peter_s@draughting.co.za

**New Lean-to
 Stand 2851, RATANDA
 Lesedi Local Municipality**

SURVEYED:	D & S S	Oct 2019
DESIGNED:	D & S S	Oct 2019
DRAWN:	D & S S	Oct 2019
CHECKED:	P Aufwolk (Pr S Arch T S10709)	
REVISIONS:	(Reg Eng Tech A791009)	

FILE NAME: Carport
Sheet 1 of 1 Sheet(s)
PLAN No: Carport.LZH