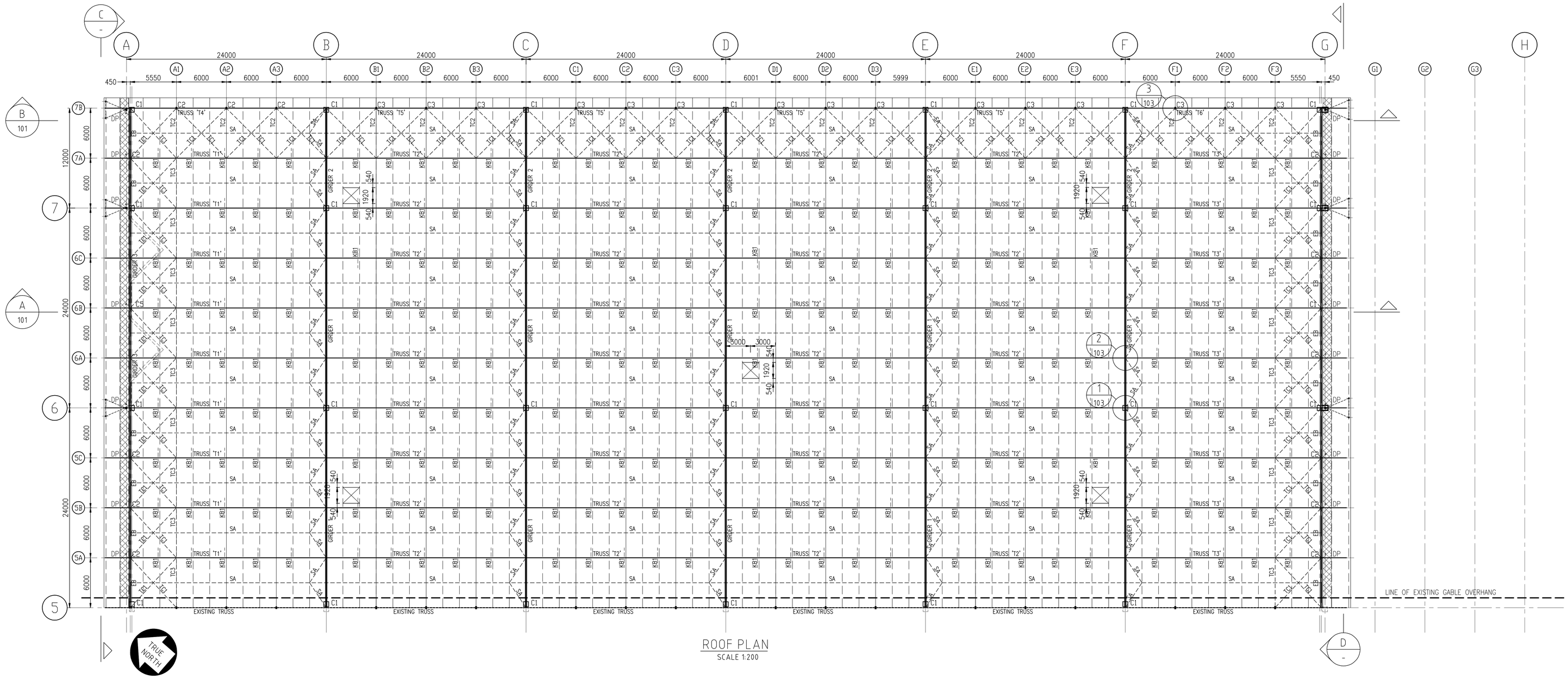
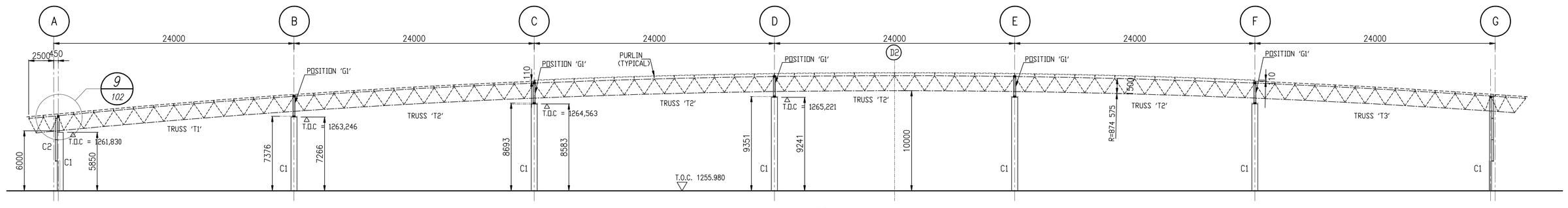
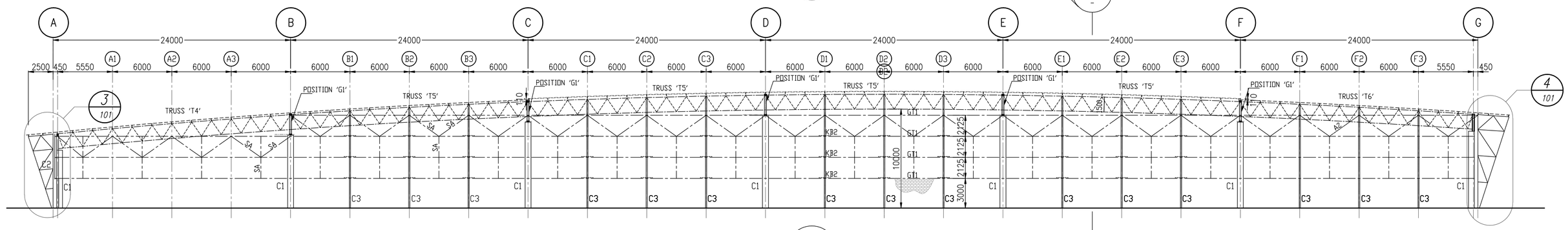


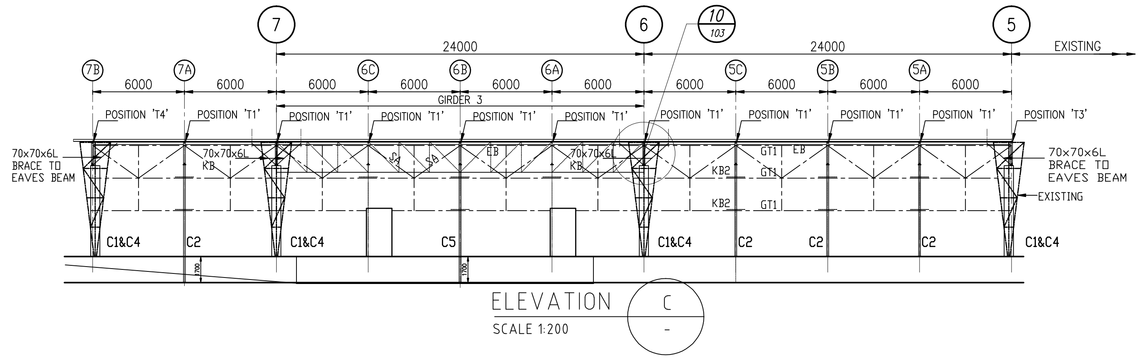
ROOF PLAN
SCALE 1:200



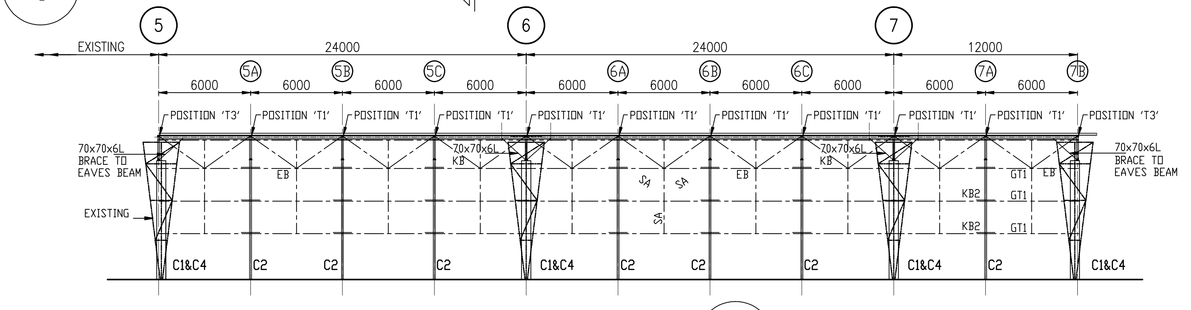
SECTION A
SCALE 1:200



SECTION B
SCALE 1:200



ELEVATION C
SCALE 1:200



ELEVATION D
SCALE 1:200

MEMBER SIZE SCHEDULE		
MEMBER MARK	SIZE	DESCRIPTION
C1	600x600	CONCRETE COLUMN
C2	203x133x25 I	GABLE COLUMNS
C3	254x146x37 I	GABLE COLUMNS
C4	102#x3,0 THK	COLUMNS (3 OFF)
	63#x3,0 THK	LACING
	102#x3,0 THK	TOP FRAME
C5	203x133x30 I	GABLE COLUMNS
'T1'	TRUSS	REFER TO ELEVATIONS DWG. 101
'T2'	TRUSS	REFER TO ELEVATIONS DWG. 101
'T3'	TRUSS	REFER TO ELEVATIONS DWG. 101
'G1'	GIRDER	REFER TO ELEVATIONS DWG. 101
'G2'	GIRDER	REFER TO ELEVATIONS DWG. 101
'P1'	150x50x20x2.5 C	ROOF PURLINS (UNO)
'P2'	150x50x20x3.0 C	PURLIN (WITH 3mm FIXING PLTS)
'P3'	200x50x20x2.5 C	PURLIN
GT1	150x50x20x2.5 C	SIDE GIRTS
TC1	100x75x6 L	BRACING TOP CHORD PLANE (100 VERTICAL)
TC2	254x146x31 T	BRACING TOP CHORD PLANE ('T' SECTION)
TC3	100x100x8L	BRACING TOP CHORD PLANE
VB1	100x75x6L	CROSS BRACING
KB1	40x40x3L	KNEE BRACES PURLIN TO TRUSS BOTTOM CHORD
KB2	40x40x5L	KNEE BRACES TO COLUMNS (SIDES)
SA	40x40x3L	SAG ANGLES BETWEEN PURLINS AND GIRTS
DP	200#x3.0 CHS	DOWN PIPES
DB	203x133x25 I	R.S DOOR BEAM
EB	152x152x23 H	EAVES BEAM
CP	290x100x3 THK C	R.S DOOR CORNER PROTECTION CHANNELS
FR	60x60x6L	FALSE RAFTER

STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL WORK TO BE GRADE 300W
2. ALL BOLTS TO BE GRADE 8.8
3. ALL WELDING TO BE 6mm CFW UNLESS OTHERWISE SHOWN
4. SHOP DRAWINGS TO BE PREPARED BY THE STRUCTURAL STEEL CONTRACTOR AND TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL
5. PAINT SPECIFICATION:

   SURFACE PREPARATION
   WIRE BRUSH STEELWORK CLEAN TO ENGINEERS APPROVAL

   PRIMER
   APPLY 35 um APPROVED PRIMER

   UNDERCOAT
   APPLY A 35 um APPROVED UNDERCOAT

   TOPCOAT
   APPLY A 30 um APPROVED TOPCOAT TO THE ARCHITECTS COLOUR SPECIFICATIONS

   GUTTER INSIDE TO BE PAINTED WITH A 100 um EPOXY UNDERCOAT AND 100 um EPOXY TOPCOAT

   ALLOW 24 HRS BETWEEN COATS FOR DRYING

   A COMPLETE PAINT SPECIFICATION TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
6. ALL STRUCTURAL STEEL TO BE MANUFACTURED AND ERECTED IN ACCORDANCE WITH SABS 1200 H
7. ROOF SHEETING:
   ALL ROOF SHEETING TO BE KINGKLIP 700 PROFILED SHEETING - LIGHT INDUSTRIAL 0,5mm THK
   REFER TO THE CONTRACT SPECIFICATIONS FOR THE SHEETING SPECIFICATIONS

REVISIONS

Rev. No.	Date	Init	Description
0	08.06.06	YN	FOR CONSTRUCTION
1	18.08.06	YN	ROOF OPENINGS REVISED
2	12.10.06	YN	STEEL COLUMNS REVISED
3	29.11.06	YN	CRADLE VENTILATOR POSITION REVISED
4	31.01.07	YN	RAISED PURLIN
5	08.03.07	YN	AS BUILT

CONSULTANTS APPROVAL

CONSULTANTS	SIGNATURE	DATE	
CLIENT			
TENANT			
PROJECT MANAGER			
CIVIL ENGINEER			
ELECTRICAL ENGINEER			
MECHANICAL ENGINEER			
STRUCTURAL ENGINEER			
QUANTITY SURVEYOR			

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Architect
ARCHITECTURAL DESIGN ASSOCIATES

Client
SUPPLIER PARK DEVELOPMENT COMPANY (PTY) LTD.

Project
AUTOMOTIVE SUPPLIER PARK ROSSLYN TOWNSHIP EXTENSION 2

Drawing
LOGISTIC CENTRE EXTENSION ROOF STRUCTURAL STEEL PLAN, SECTIONS, ELEVATIONS AND DETAILS

	SIGNATURE FOR PDNA	DATE
DESIGNED	V DHANA	
DRAWN	KMB	10.07.06
CHECKED	V DHANA	17.07.06
APPROVED		
SCALE	AS SHOWN	

DISCIPL.	PROJECT No.			ORG. NUMBER		STAGE	SHEET SIZE	REVISION
S	C	4	0	4	9	3	1	0	0	C	A	0	0	5

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