Kliplock 700 dove grey Chromagek sheeting fixed to purlins with concealed fixing clips. Closed with Industrial 7 eaves and ridge filler from Polyclosures

40x600 tongue and groove Isoboard rigid extruded polystyrene closed cell insulation board with polyethylene treated Kraft slip sheet fixed concurrent with roof covering over steel purlins

Apex fagia flashing from Craft-lock fixed to 25x25x300 stainless steel bracket with fastner and fixed to rafter or roof sheeting with S.S. self-tapping screw

150x65x20x2 steel lipped channel purlin bolted to 125x75x8 steel angle cleat with 4xM16 bolts and welded to 203x133x25 steel h-profile rafter

Steel closer fixed to 125x75x8 steel angle welded to beam

203x133x30 Universal beam h-profile bolted to concrete column with 200 steel holding down bolts on steel bearing plate

Anodised Aluminium frame

8mm laminated glazing panel

450x600 reinforced concrete column on 600x1200x450 concrete column footing

**Roof Edge Detail**

Scale 1 : 20
300AF AEROFIL ADJUSTABLE VERTICAL LOADING ARM
200x56x400x1.8 ANODISED ALUMINIUM EXTRUDED SECTION
SUPPORTING STRUCTURE WITH POLYETHYLENE (HOPE) BEARING
AXLE AND NYLON PA6.6 AXLE LOCK ALUMINIUM DRIVING ROD

KLIPLOCK 700 DOVE GREY CL
150x65x20x2 STEEL LIPPED CLEATS

ANODISED ALUMINIUM FRAMED GSA SmartGlass Arm
Comply with SABS 1263 Part 1,2 or 3 glazed

254x146x4

SHADING COEFFICIENT
LIGHT TRANSMISSION
LIGHT REFLECTED

300MM SHEETING ON EITHER SIDE OF T-SHEETING IN ORDER TO LET NATURAL DAYLIGHT INTO BUILDING TO BE FIXED BEHIND TRANSUPE

0.6MM FLAT METAL SHEET CLADDING FIXED TO LIPPED CHANNEL PURLINS AND CARRIED BY 203x65x25 STEEL T-SECTION FORMED RAFTER

230MM PLASTERED BRICK SUPPORTING WALL WITH REINFORCING

0.8MM FLAT METAL SHEET CLADDING WITH 40MM ISOBOARD INSULATION FIXED TO TRUSAND 50X75 STEEL SPACERS

1250X400 BOX GUTTER CONSTRUCTION FINISHED WITH WATERPROOF MEMBRANE 12MM MARINE PLYWOOD (SCREW FIXED TO RAFTERS) AND THERMAL INSULATION WITH 10MM FIRE RETARDANT FOIL ISOBOARD

110 HC EXTRUDED ALUMINIUM LOUVER SYSTEM FOR MECHANICAL VENTILATION 55X55 STEEL ANGLE DUCT STRUCTURE INSULATED WITH 40MM ISOBOARD

40X600 TONGUE AND GROOVE POLYSTYRENE CLOSED CELL INSULATION TREATED KRAFT BIP SHEET 15MM

TRUSS MADE UP OF TWO 254X146X4 AND 45X45 STEEL ANGLES WELDED TOGETHER AND CARRY 254X146X4 H-PROFILE 300X450 CONCRETE COLUMN AND 2

04 10.000
Staircase Detail
Scale 1:20

2750x3100 aluminium framed sliding door from KAL-Aluminium. Anodised aluminium frame.
Screened to fall 0.25mm DPC under screen.

Floor construction:
20mm tongue-and-groove timber flooring
30mm screed
200mm prestressed hollow core slab from Echo
0.6mm Rhinolite finish

Underside of concrete to be smoothed of all rough edges and treated with 0.6mm Rhinolite finish

25x30 aluminium shadowline cornice

Reinforced pre-cast concrete stairs with 100x400 treads with 10mm dia steel rods at 600 centres supported by 300mm reinforced in situ concrete wall and 230mm brick wall.

Fluorescent lighting tube set behind 5x70 removable white frosted Perspex sheet

5mm V-groove joint

Admin & Cafeteria Details
Scale 1:20

Admin Floor Edge Detail
Scale 1:20
Danpalon Multicell 16mm translucent panel, snap on and interlocking dry-glazed profiles fixed to concealed stainless steel retention clips. Superior light transmission/insulation ratio.

End wall construction:
- Metal counter flashing
- Flashing and closure angle
- 65mm stainless steel frame
- Pivot base
- 150x90x24 PFC support purlin
- 203x133x25 tapered end rafter

No ceiling, insulation or waterproofing required.

600mm fluorescent tube lights set on purling for uplighting.

16mm laminated glass with printed decal polyvinyl butyral interlayer between two layers of flat glass set in anodised aluminium frame fixed to 50x40 spade and purlin.