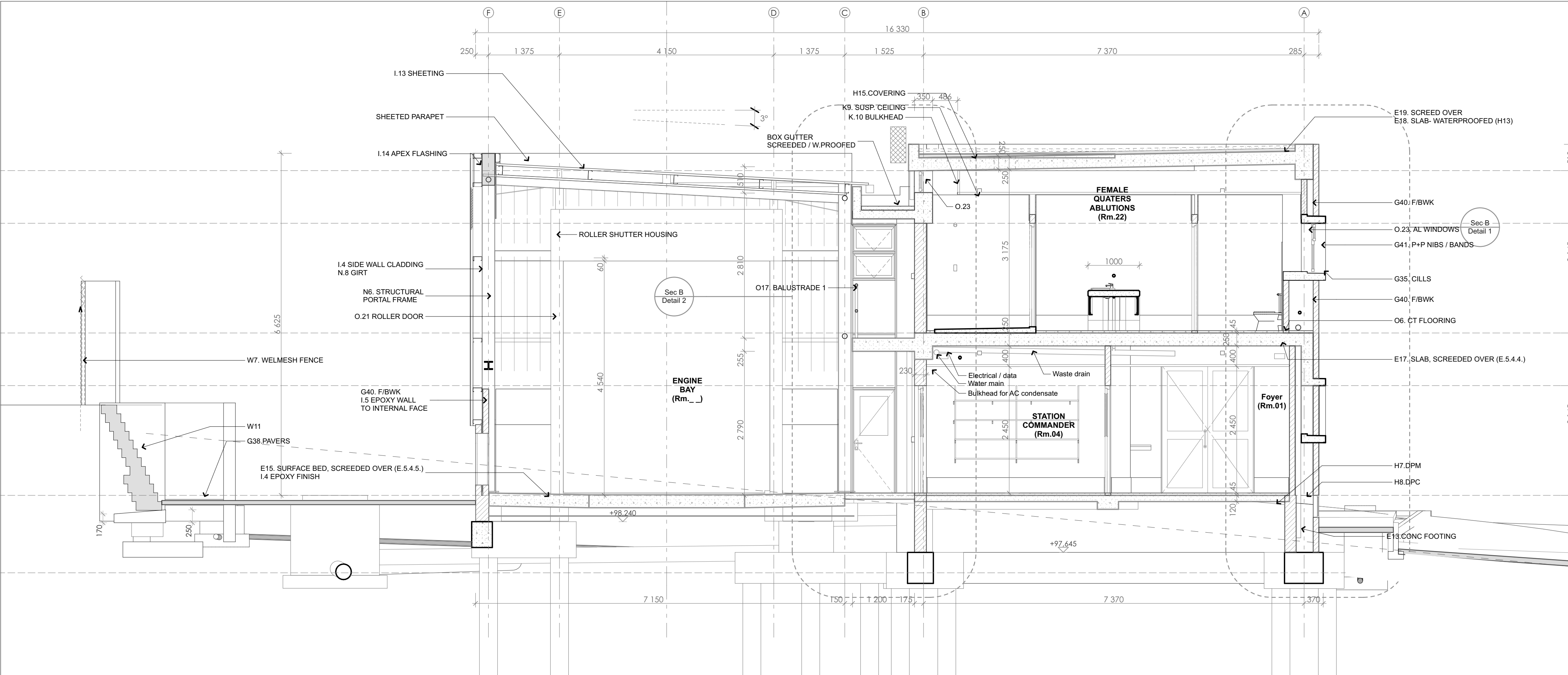


(CD) 50

CROSS SECTION A-A

1:50

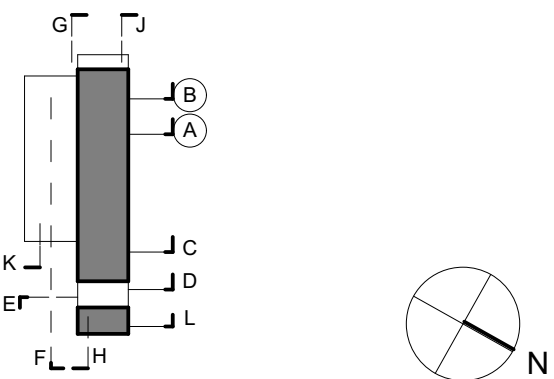




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SECTION B-B

1:50

Construction Notes	
Foundations + Surface beds	
E.13	Foundations. Strip footings- Refer Eng. S-001
E.14	Surface bed 1. Admin Building. 120Mm
E.15	Surface bed 2. Engine Bay. 250Mm
E.16	Foundation pad footing and stub column.
E.5	4.4. Wood floated screed. For tiling / paint prep
E.5	4.5 Steel floated screed. For vinyl products
E.20	Conc pad footings + stub column. Carport
E.24	350mm diam Conc piles per str eng dwg (S-001)
E.25	R.conc pile caps per Str dtl (S-001)
E.26	R.conc ground beams – per Str Eng dwg (S-001)
G.39	Engine Bay
H.7	DPM. 170 micron Under surface bed
H.8	DPC. 375micron dpc over all foundation bwk walls
Superstructure	
E.17	Suspended 250mm R.conc floor slab.
E.18	Suspended 250mm R.conc inclined roof slab.
E.29	R.Conc cast window sill / lintel. Per Str Eng dtl.
E.22	Concrete columns 350x350. eng dwg S-002/3
E.23	R. Concrete edge beams 350x510/1020 (S-003/4)
E.27	R.Concrete core plinth wall, Plastered bwk facing
E.28	R. Conc box gutter – refer Str Eng dwgs (S-004)
F.10	Precast concrete. Louvre vent blocks
Superstructure brickwork – FBX Firelight Satin to Administration Block and FBX Onyx Satin to Engine Bay	
A G.40	Superstructure brickwork – plaster + paint
G.41	Ablutions – Cemflex Under tile waterproofing
H.9	Ablutions – Cemflex Under tile waterproofing
I.14	Roof sheeting- Klip-lok 406 sheeting. Aluminium
N.6	Structural steel portal frame. Per Str Eng S-010
N.7	Gms purlins. Engine bay. 175X75x20x2.5
N.8	Gms girts. Engine bay. 175X75x20x3.5
N.9	GMS carport rafters – 254x146. Per Str Eng dwg
N.10	Purlins – carport. Per Str Eng dwg 175x70x20
N.12	GMS carport posts – 152x152 per Str Eng dwg
Roofing + Rain water	
E.19	Roof screed to min 1:60 or 1: 80 Fall
Polymer modified bitumen membrane roof waterproofing	
H.13	Over waterproofing insulation. 50Mm EPS
H.14	Over roof insulation – 40mm Stone ballast
I.12	Translucent sheeting. Polycarbonate
I.14	Roof sheeting- Klip-lok 406 sheeting. Aluminium
N.11	Steel stair stringer. Conc treads on steel formers
R.23	Full bore outlet. 150Mm diam
R.27	Seamless al. Gutter. 220X200 box profile
R.3	Rainwater down pipe. 200Mm pvc
Components	
G.35	Windows – Cill type 1.
F.9	Precast concrete cill (Kalvis C6)
G.9	Lintels. Prestressed conc + Reinforced bwk over
H.17	Windows – DPC to reveal / cill.
J.12	Doors – external H/Wood with H/wood frame
J.17	Fittings to schedule
O.17	Balustrade 1. S/steel handrail bolted to gms posts
O.18	Balustrade 2. S/steel handrail to gms brackets
O.20	Fixed Aluminium duct cover / vent
O.21	Roller door. High speed, Efaflex STT-L or eq app..
O.23	Windows – Aluminium per schedule.
O.24	Doors – external Glazed aluminium door
O.25	Roof access ladder. Gms. to Dtl Dwg 588
Finishes	
K.10	Plasterboard bulkhead
K.9	Suspended Ceiling System To General Areas
K.11	Under purlin suspended insulation. Factoryboard
L.4	Epoxy Floor coating
L.5	Epoxy wall coating
Q.5	Glazed ceramic wall tiling
Q.6	Ceramic floor tiling
Q.9	Tile To General Areas, Floor & Skirting
External Works	
E.21	Concrete core retaining wall. F/bwk facing
F.12	Kerb 1. LG Green or eq. App Fig 6
G.38	Block paving per Municipal '92 Preambles
G.43	Freestanding brickwork screen wall.
G.44	Roller course coping. Conc pads for fence fixing
G.45	Bin area enclosure. 220Mm F/bwk
R.15	Cast iron covers, gratings, etc.
W.11	Gravity Retaining blocks. Loffelstein or eq.app
W.12	Soft Landscaping. Ground cover
W.15	Storm water attenuation depression.
W.16	External signage.
W.4	Precast concrete kerbs and channels
W.7	Fence – Weldmesh on posts at 3m cc
W.8	Fence – Clearvu 2.4m ht with posts at 3.3mcc
W.9	Gate (sliding)– Clearvu
W.17	Gabion Rock packed retaining wall
Mech / Elec elements	
R.19	Fire hose reels (per Mun. preambles '92)
R.24	Water Meter. (diam. Refer Civil Eng 100mm diam)
R.25	Storm-water connection point. (Civil eng dwg C 30)
R.26	Sewer connection point. (Civil eng dwg C 40/41)
X.1	Electricity meter
X.4	AC unit position
X.6	Mech ventilation- 75L/sec Lecture venue
X.7	Extract – engine bay per Mech dtl. 10 cycles/hr



02	2016 . 02 . 02	1. Engine Bay Internal skin to be 2m above FFL
01	2015 . 11 . 20	1. Drop buildings by 500mm. Landscaped areas adjoining dropped to match 2. Admin - Sec A- Remove screed from PPE lockers, raise floor by 45mm 3. Engine bay as above. 4. Alignment of Ground beam to match plan Grid A Note G40. 5. Incl Onyx brickwork to engine bay
Rev #	Date	Description
		
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<b>KONSTRUKT ARCHITECTS</b> <small>500 ESTHER ROBERTS ROAD   DURBAN   4001   031 205 3057   admin@konstrukt.co.za</small>		
Project Description : Name Road, 153 MACLEAN STREET Suburb Area UMKOMAAS Building PROPOSED FIRE STATION		
Contract No. <b>CSA / 2387</b>		
DRAWING TITLE GENERAL ARRANGEMENT PLANS <b>SECTION A-A + B-B</b>		
Designed	Checked	
Drawn	Approved	
Scale/s 1 : 50	Date 2016 / 02 / 02	
Drawing No. <b>WD - 301</b>	Revision <b>01</b>	