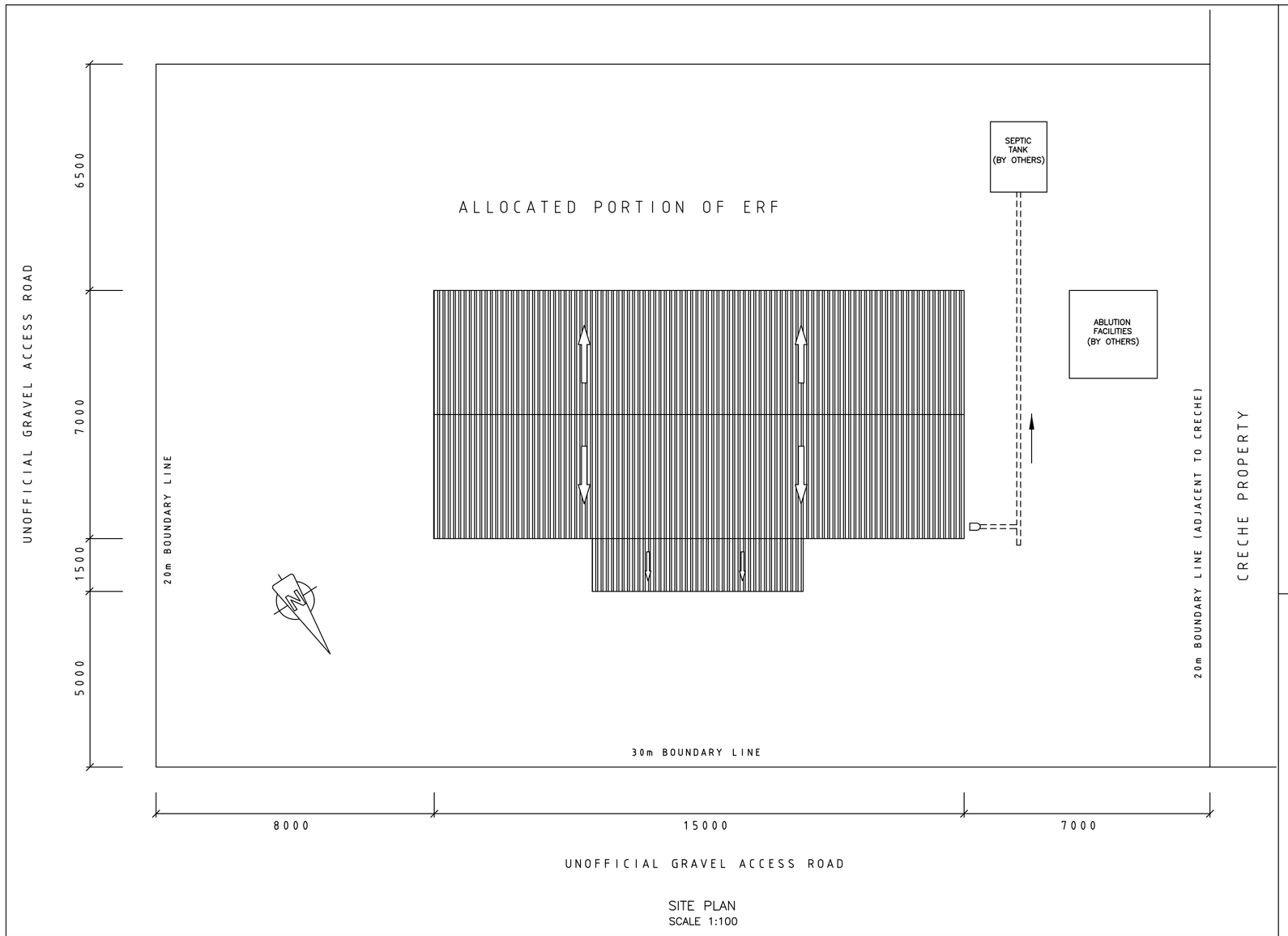
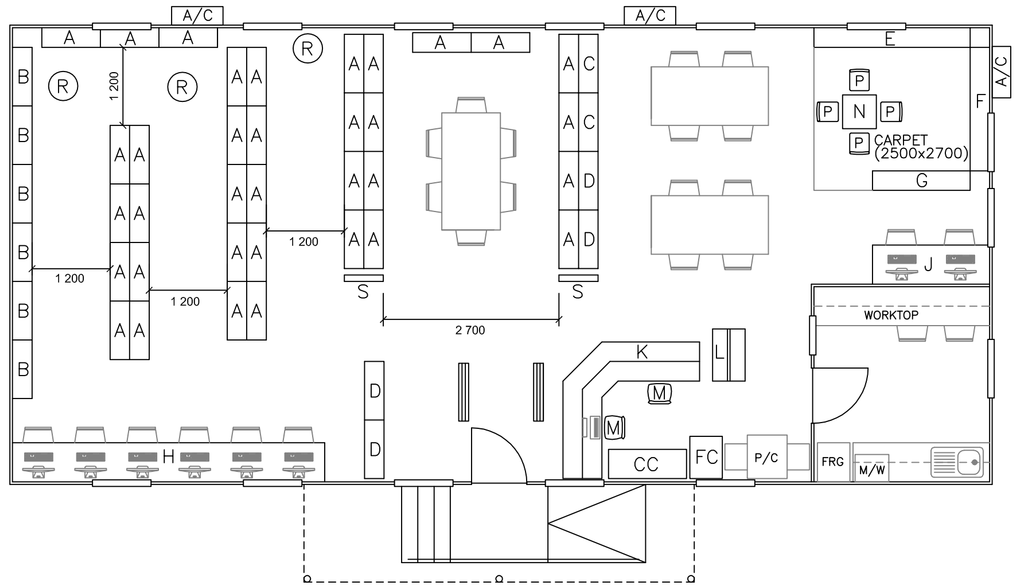


SITE PLAN
SCALE 1:100



LIBRARY FURNITURE LAYOUT
SCALE 1:75

NOTE: CHAIRS, TABLES AND OTHER ITEMS THAT ARE NOT NUMBERED ON THE LAYOUT DOES NOT FORM PART OF THIS CONTRACT BUT ARE INDICATED ONLY FOR LAYOUT PURPOSES

LIBRARY FURNITURE SPECIFICATIONS

ITEM NO.	DESCRIPTION	QUANTITY
A	Book shelves - manufactured from Saligna wood – 900(W) x 1400(H) x 300(D) with 4 shelves.	35
B	Book shelves - manufactured from Saligna wood – 900(W) x 2000(H) x 300 (D) with 6 shelves.	6
C	Reference shelves - manufactured from Saligna wood – 900(W) x 1400(H) x 300(D) with 3 shelves.	2
D	Magazine and newspaper shelves - manufactured from Saligna wood – 900(W) x 1400(H) x 300(D) with 3 slanted shelves with lips.	4
E	Toddler shelves - with pigeon holes - manufactured from Saligna wood – 2400(W) x 1200(H) x 300(D).	1
F	Toddler shelves - with pigeon holes - manufactured from Saligna wood – 1900(W) x 1200(H) x 300(D).	1
G	Toddler shelves - with pigeon holes - manufactured from Saligna wood – 1500(W) x 1200(H) x 300(D).	1
H	Computer worktop – 4800(W) x 600(D) post formed natural oak formica top with supports underneath.	1
J	Computer worktop – 1800(W) x 600(D) post formed natural oak formica top with supports underneath.	1
K	Reception Counter – L-Shaped 1400(L) x 1400(L) x 700(D) with 700 x 700 corner link. 700(D) worktop and 300(D) counter top.	1
L	Book trolley – 800 x600 double sided wooden trolley.	1
M	High back leather swivel chair.	2
N	Plastic colourful jolly table – 520 x 520.	1
P	Jolly plastic chairs – 300 x 300.	4
R	Ottoman – 400mm round x 450mm high.	3
S	Bulletin board – 600(W) x 900(H),	2
CC	Catalogue Card Cabinet – 6 drawer.	1
FC	Filing Cabinet – 4 drawer lockable steel filing cabinet.	1

MODULAR UNIT SPECIFICATIONS

Foundation and siting
The unit shall be supported on adjustable steel leveling jacks and concrete pads to create a stable foundation for the unit.

Chassis
The chassis of the unit shall be manufactured from 2.5mm or 3mm steel lipped channel with heavy duty cross members welded together into a rigid ladder frame.
Steel must be washed, treated and painted at the factory to prevent rust.
Adjustable steel jacks must be welded to the chassis to allow the chassis to be leveled on site.

Floor
The floor of the unit shall consist of a minimum of 18mm thick CCA treated exterior grade shutter ply board. One coat of bitumen undercoat to be applied to the underside of floorboards as further protection against moisture.
The floor finish shall consist of heavy-duty 2mm industrial vinyl sheeting.
The children section of the library shall be fitted with a 2500x2700mm carpet on top of the vinyl floor finish as specified on the drawings.

Walls
The walls of the unit shall be constructed of sandwich panels with at least 60mm polystyrene, or 40mm polyurethane core with 0,58mm rigidised chromadek on both sides.
The panels shall have double interlocking profiled edges, giving a flush weatherproof joint.

Roof and Ceiling.

The roof and ceiling shall be constructed of combined roof/ceiling interlocking sandwich panels to form a vaulted ceiling.

Roof/ceiling panels shall consist of 0,5mm IBR profile chromadek top skin, 50mm thick water impervious polystyrene core and 0.58mm rigidised chromadek inner skin, which serve as the ceiling.

The roof panel shall have an interlocking profile, which provides a weatherproof joint.
Ceiling height at eaves shall be a minimum height of 2400mm and at the apex a minimum height of 2700mm.
PVC gutters with downpipes shall be fitted to accommodate rainwater.

Windows
Windows shall consist of outward opening top hung aluminium windows with 4mm glass panes as specified on the drawing.
Burglar bars shall be fitted to inside of all the windows.
Vertical blinds shall be fitted to all windows.
Glazing must comply with SANS 10400-N.

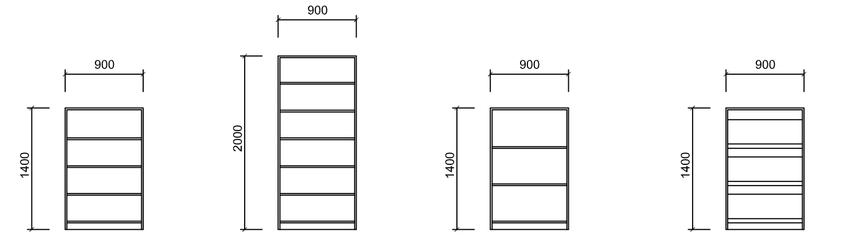
Doors
Doors shall be manufactured from the same materials as the walls.
Exterior door - Chromadek cladding with a polystyrene or polyurethane core and fitted with chromadek weather trims and 3-lever mortice lock.
Interior door - Chromadek cladding with a polystyrene or polyurethane core and fitted with 2-lever mortice lock.

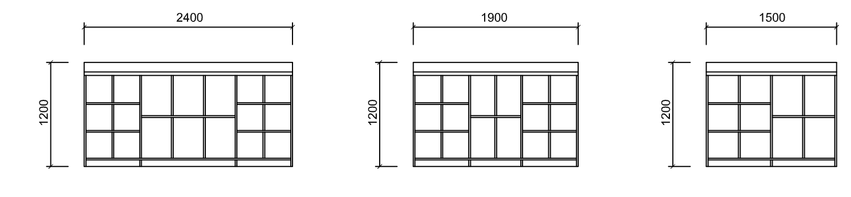
Access and Ramp for disabled persons
A 1.2m wide galvanized steel 3-tier access steps with landing and ramp to make provision for disabled persons shall be fitted as specified on the drawing.
The access and ramp shall be fitted with handrails.
The ramp shall have a low gradient in order to make it easy for a disabled person to negotiate it.
The access and ramp shall be covered by a veranda.

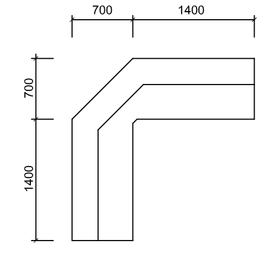
Veranda
A veranda of 1.5m wide x 6m long shall be erected and be fitted with a PVC gutter and downpipe.

KITCHEN CABINETS (ELEVATION)
SCALE 1:50
NOTE: 16mm WHITE MELAMINE CUPBOARDS

WORK AREA CABINETS (ELEVATION)
SCALE 1:50
NOTE: 16mm WHITE MELAMINE CUPBOARDS NO DOORS







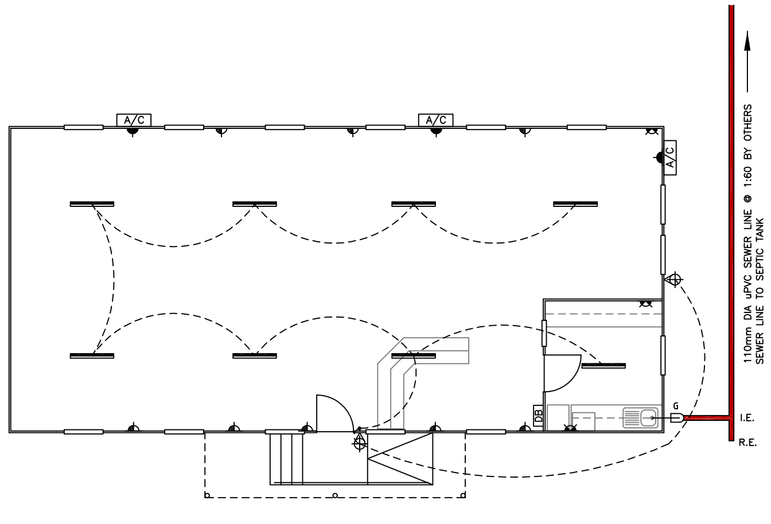
RECEPTION COUNTER (K) (PLAN VIEW)
SCALE 1:50

ELECTRICAL LEGEND
- DOUBLE FLOURESCENT LIGHT
- WATERPROOF OUTDOOR LIGHT
- LIGHT SWITCH
- 16A DOUBLE 3 POINT PLUG 300mm ABOVE FFL
- 16A DOUBLE 3 POINT PLUG 1300mm ABOVE FFL
- AIR CONDITIONER ISOLATOR
- DB DISTRIBUTION BOARD AND METER

SEWER LEGEND
- G GULLY

FLOOR AREAS

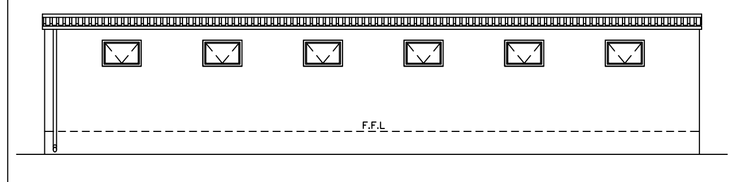
MODULAR LIBRARY	=	105.00m²
VERANDA	=	9.00m²
TOTAL COVERED AREA	=	114.00m²
ERF AREA	=	N/A
COVERAGE	=	N/A



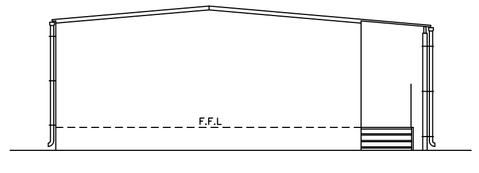
ELECTRICAL & SEWER LAYOUT
SCALE 1:100

WINDOW SCHEDULE						
WINDOW NO.	TYPE	DIMENSIONS (WxH)	QUANTITY	DESCRIPTION	GLASS	WINDOW HEIGHT
W1	ALUMINIUM	900x600mm	14	TOP HUNG	4mm CLEAR	2100mm
W2	ALUMINIUM	600x600mm	1	NON-OPENING FIXED PANE	4mm TINTED	1900mm

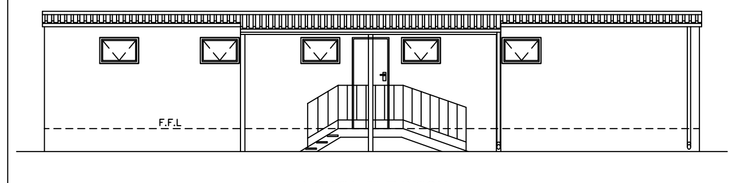
DOOR SCHEDULE		
DOOR NO.	DESCRIPTION	QUANTITY
D1	813mm EXTERNAL CHROMADEK PANEL DOOR	1
D2	813mm INTERNAL CHROMADEK PANEL DOOR	1



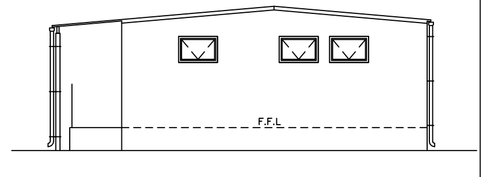
SOUTH ELEVATION
SCALE 1:100
NOTE: WELD MESH MUST BE ATTACHED TO PERIMETER BASE (NOT SHOWN)



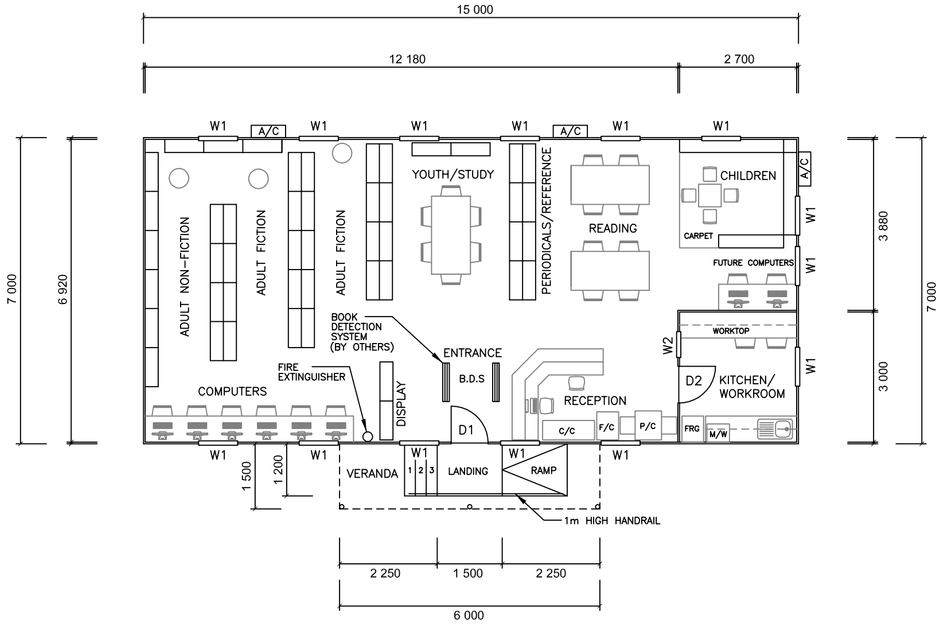
EAST ELEVATION
SCALE 1:100
NOTE: WELD MESH MUST BE ATTACHED TO PERIMETER BASE (NOT SHOWN)



NORTH ELEVATION
SCALE 1:100
NOTE: WELD MESH MUST BE ATTACHED TO PERIMETER BASE (NOT SHOWN)



WEST ELEVATION
SCALE 1:100
NOTE: WELD MESH MUST BE ATTACHED TO PERIMETER BASE (NOT SHOWN)



LAYOUT
SCALE 1:100

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PROJECT
PROPOSED NEW MODULAR LIBRARY AT BRACKENHILL ERF KNYSNA

CLIENT
KNYSNA MUNICIPALITY

TITLE
LAYOUT PLANS, ELEVATIONS, SITE PLAN & SPECIFICATIONS

DATE	SCALE
APRIL 2016	AS SHOWN
DRAWING NO.	SHEET
KM/04/2016/A	1 OF 1