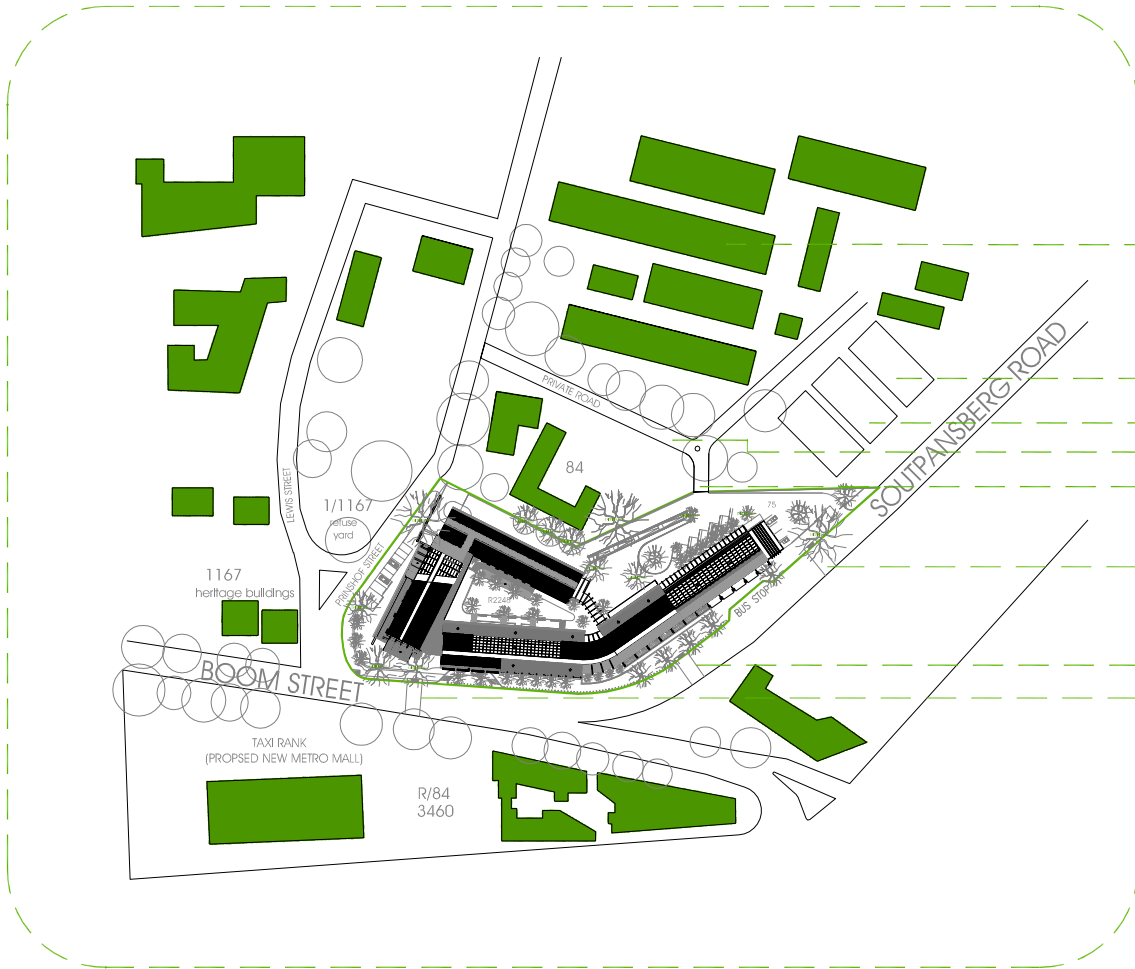




SITE



PRINSHOF SCHOOL GROUNDS

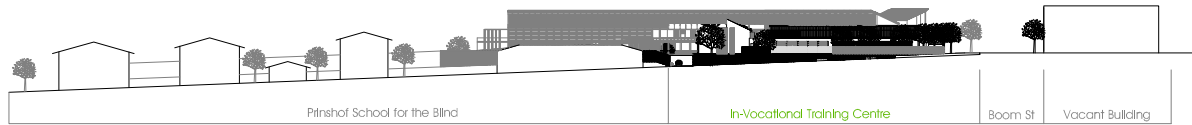
EXISTING GREENHOUSE

PROPOSED FUTURE GREENHOUSES

EXISTING ROAD

PROPOSED NEW ROAD LINK

PROPOSED NEW
RAISED PEDESTRIAN CROSSING



NORTH-SOUTH SECTION THROUGH SITE

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Department of Architecture

Project Name: BRIDGING THE GAP
An In-Vocational Training Centre
for the physically disabled

Name: Mla Muller

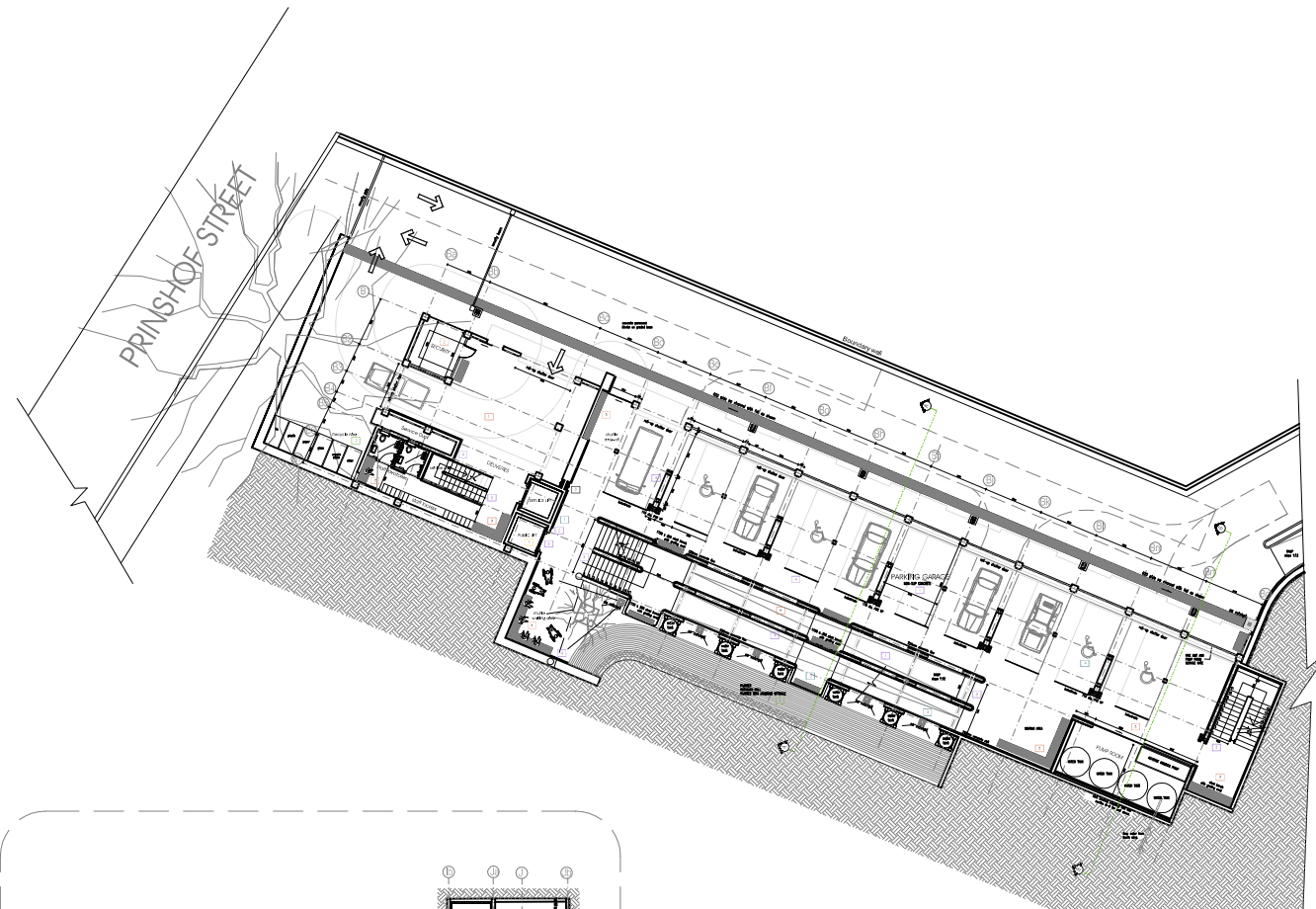
Course: Masters in Architecture (Professional)

Date: 2007

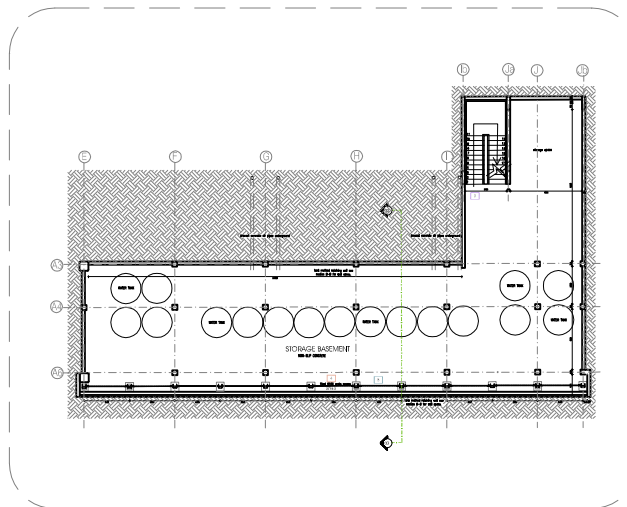
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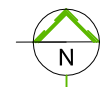
BASEMENT
-1
1:500



SEMI-BASEMENT UNDER ACCOMMODATION BLOCK
- GARAGE PARKING



BASEMENT UNDER TRAINING HALLS
- USED FOR STORAGE (water and other)



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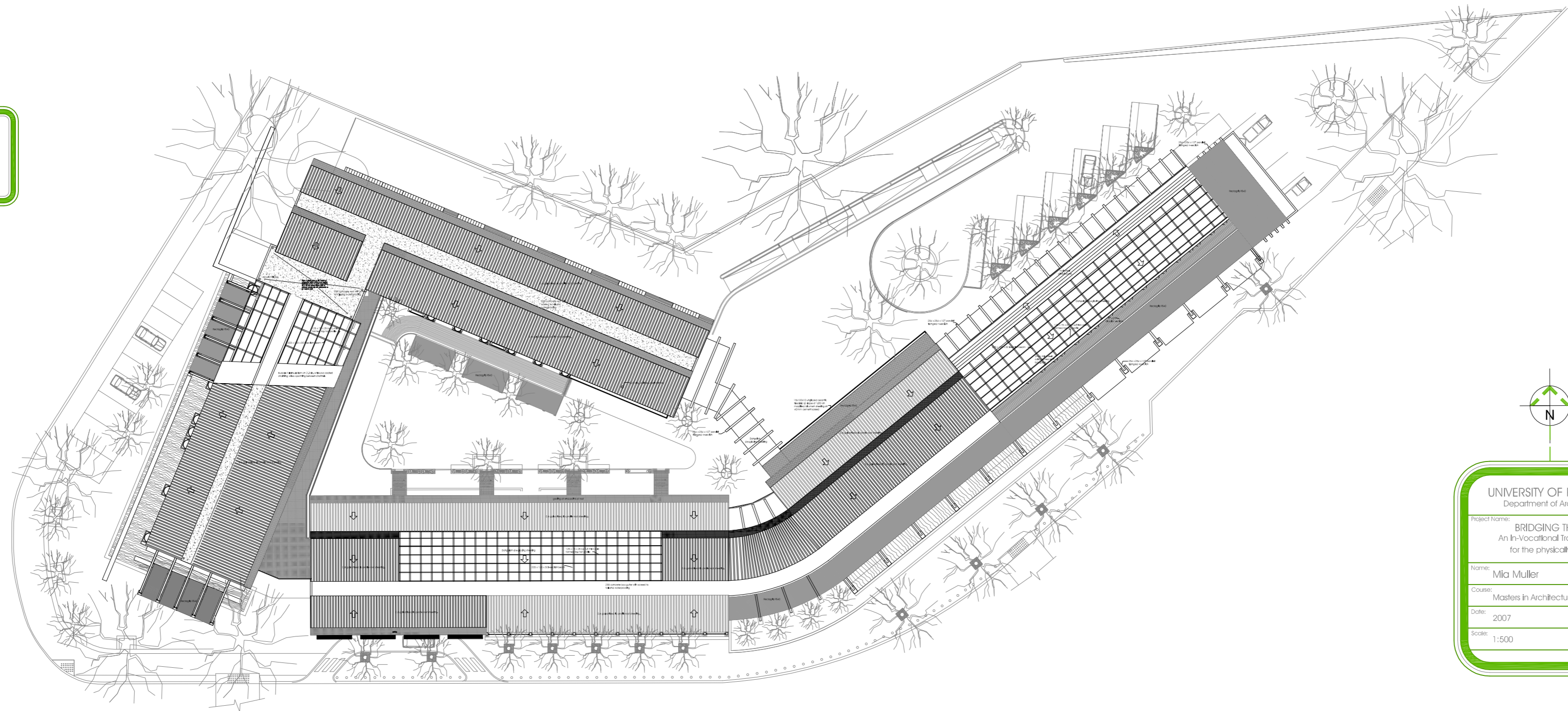
Date:
2007

Scale:
1:500

SENSORY NOTES:	
SIGHT	
1	LARGE SIGNAGE indicating location of lift & control buttons and highest information boards
2	VEHIS waiting areas provide views over the courtyard
3	VERTICAL LIGHTING openings between concrete fins provide for natural lighting and ventilation
4	VEHICULAR SIGNAGE provides suitable signage for disabled parking bays
5	SCREEN see-through grate screen creates barrier between basement and public or street level
SOUND	
1	ACoustic LIFT bell sounding at each level
SMELL	
1	VEGETATION smell helps to orientate people
2	WASTE RECYCLING care taken so that waste does not begin to smell by using closed bins receptacles
TOUCH	
1	FLOOR SURFACES non-slip surfaces
2	CONTROL BUTTONS accompanied with braille lettering and/or lower level for wheelchair users
3	WARNING SURFACES textured step to indicate the entrance of the lift, the beginning of stairs or ramp
4	BALUSTRADES steel balustrade or 900mm & 700mm for users, leading users throughout the building
SAFETY	
1	SEPERATE DELIVERY KEY waiting area provided for delivery vehicles prevents vehicles from reversing out
2	SECURITY SCREEN controlling access to the building
3	FIRE EXTINGUISHERS of correct distances and reachable heights, recessed into walls so to not be an obstruction
4	STEEL SCREEN security screen between the street level & basement
5	BROAD PASSAGES space provided for ambulant, disabled and wheelchair users
6	RESTING AREAS seats of 450mm & 900mm heights must be provided every 10m or where necessary

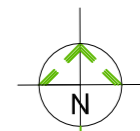


ROOF
2
1:500



GENERAL NOTES:

- WATER SUPPLY**
Provide water supply with copper pipes that must comply with SABS 462 and class 003. Fittings to comply with SABS 1067.
- DRAINAGE**
110 PVC sewer and drain pipes to comply with SABS 791. Class SDR 61 normal duty pipes with specified sizes. Couplings must be push fit sockets with rubber seal rings.
- CLEANING EYES**
provided cleaning eyes at end of each sewer branch, 1200 sodium form municipal connection.
- INSPECTION EYES**
To be provided at every direction change, every 5000 intervals, at the highest point of branch and connection.
- DAMP PROOF COURSE**
Polyethin damo proof course
0,250mm black embossed dpc to comply with SABS 952, type S.
Lay dpc in adjoining lengths and with corner laps over full width of wall, level with top of floor and not less than 50mm above finished floor line.
- Polyethin damo proof membrane
0,375 smooth green apm to comply with SABS 952, type C.
Lay apm in adjoining lengths and with full corner laps over width of wall length with top of floor not less than 150mm above finish floor line.



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Scale: 1:500