

LEVEL 2

LANDSCAPED ROOF OVER ENTRANCE LOBBY
2 Large Planters with Central Skylight

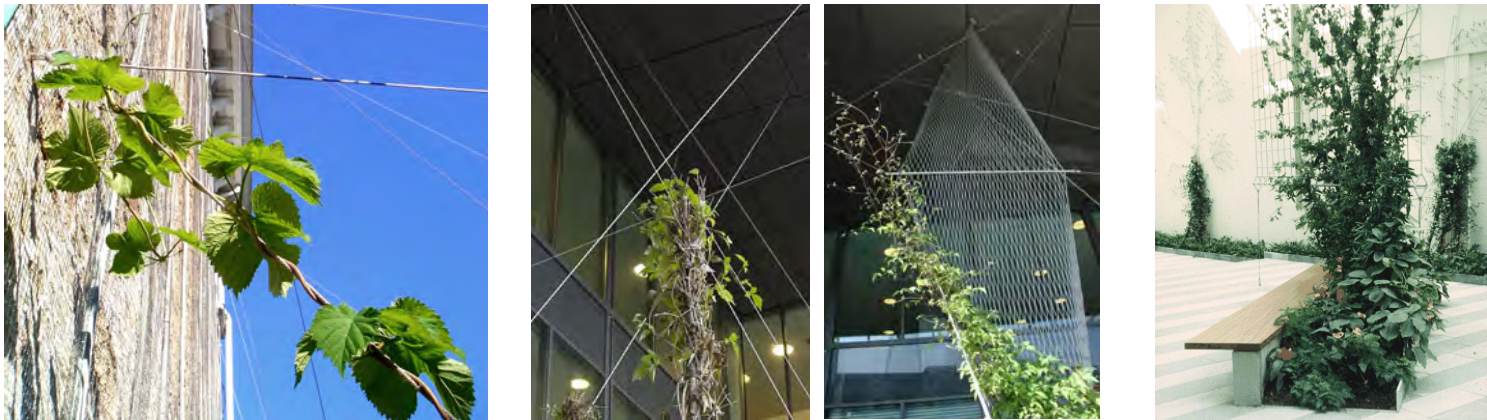
REQUIREMENTS:

- Low Light Levels.
- Structure can only hold light loads.
- Low maintenance species.

The courtyard will provide a green outlook to students located on the inside of the building.
The skylight provides view up to canopy of trees from below.
As the courtyard will receive minimum light, rainforest understory species that require low soil depths are proposed.

Alternatively, a trellis & vine scenario could be implemented.

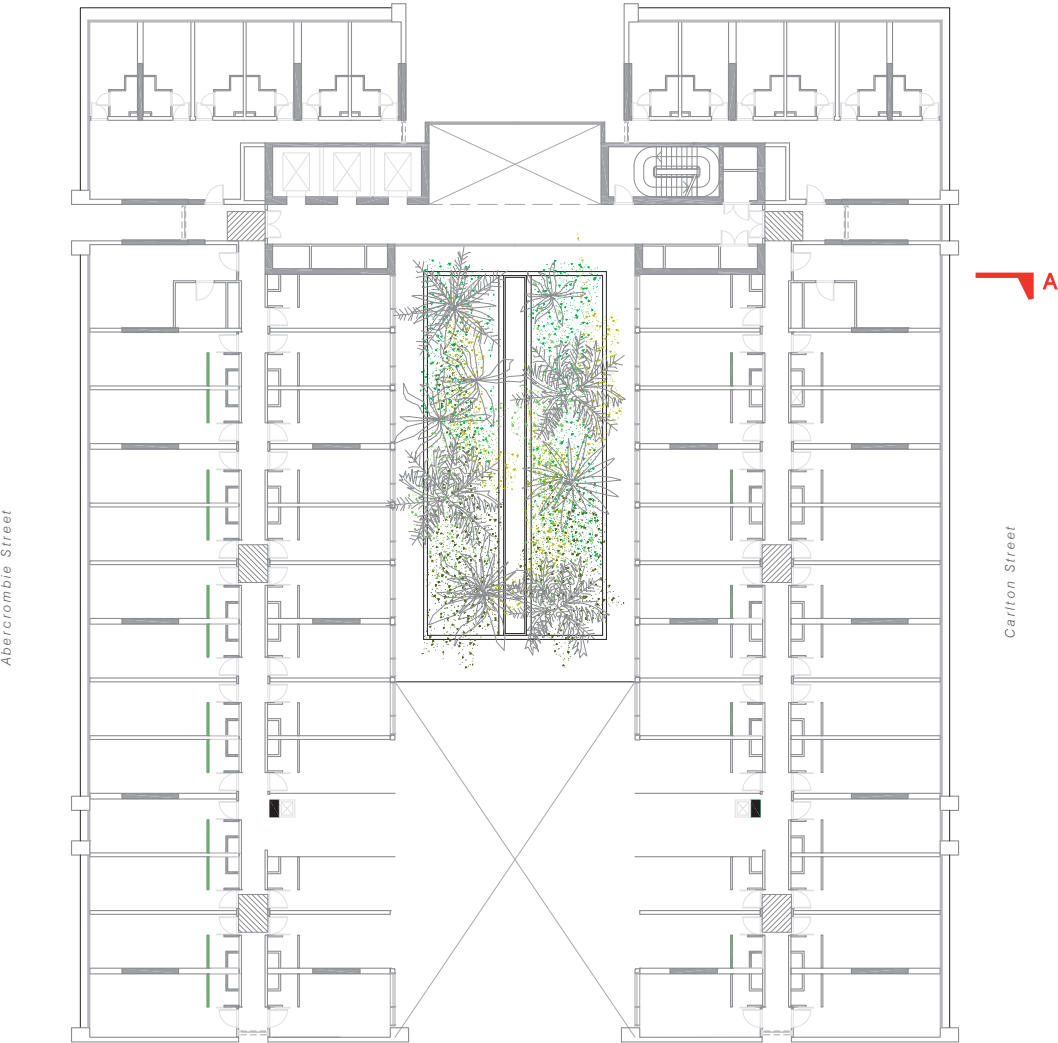
ALTERNATIVE GREENING CONCEPTS:
WIRE CABLES & CLIMBERS



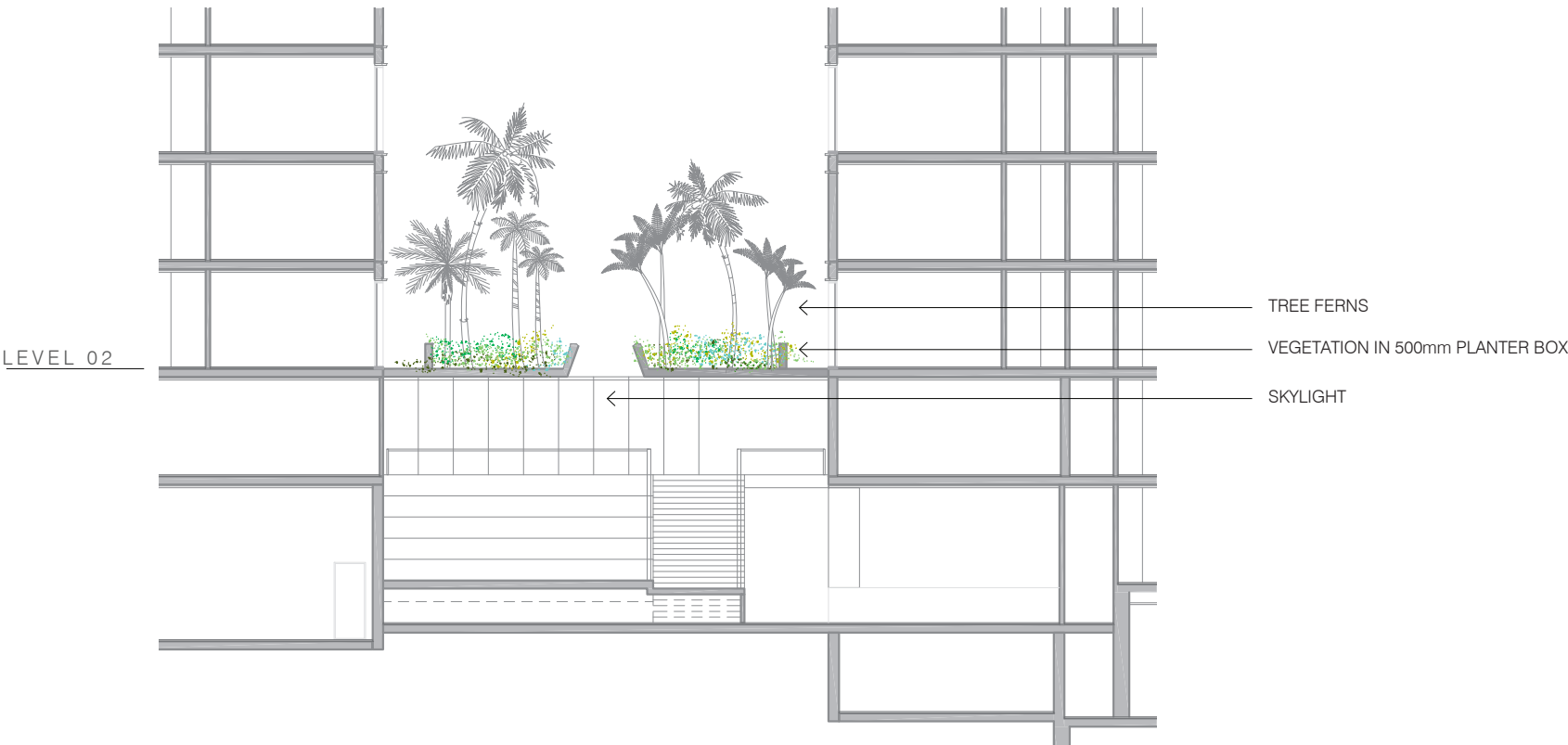
COPENHAGEN ATRIUM. JEPPE AAGAARD ANDERSEN & CALSBERG BREWERY, COPENGAHEN.

KEY SPECIES

- Cd Calochlaena dubia (Common ground-fern)
- Cc Cyathea cooperi (Australian Treefern)
- Dp Davallia pyxidata (Australian hare's-foot)
- Da Doodia aspera (Prickly Rasp Fern)
- Pj Pandorea jasminoides 'Southern Belle'
- Ca Cissus antarctica



BLOCK 4S LEVEL 02 PLAN 1:400



BLOCK 4S SECTION A 1:200

STUDENT COMMUNAL COURTYARDS
Student Run Vegetable Gardens

REQUIREMENTS:

- Planters with seating to assist amenity
- Depth in slab to accommodate soil & vegetation weight
- Student run vegetable garden

The south facade roof terrace on level 13 is to be a versatile space that students can use as their own space. Hardy plants are recommended that can tolerate a range of harsh climatic conditions, including; full sun; exposure to high winds;and varying wet and dry conditions.



SEATING EDGE
RAISED PLANTER

BLOCK 4S LEVEL 01 PLAN 1:400



MATERIALS

PAVING

REQUIREMENTS:

Consideration to how pavement meets the building facade & doorways;
glass facades & clean lines
Pavement detail and texture to pick up pedestrian footways & thoroughfares

① CoS STREETS

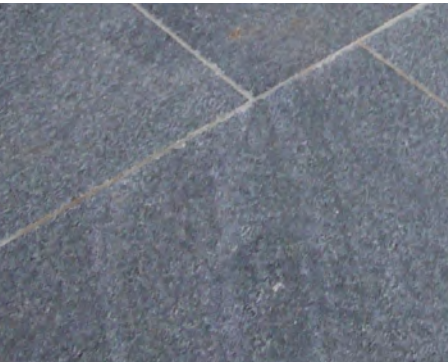
CoS Concrete Unit Pavers
Pebblecrete PPZ 254:400



Chippendale Green Paving

② UPPER & LOWER COURTYARDS

Black Granite
CoS standard - Melloco stone



Chippendale Green Paving

③ PARKING BAYS

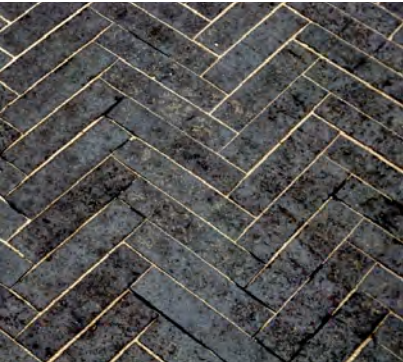
Austral Black Granite Setts
CoS standard - Melloco stone



O'Connor Street Parking Bay

④ DETAIL PAVING

Blue Black Brick Pavers
Austral Bricks or Similar



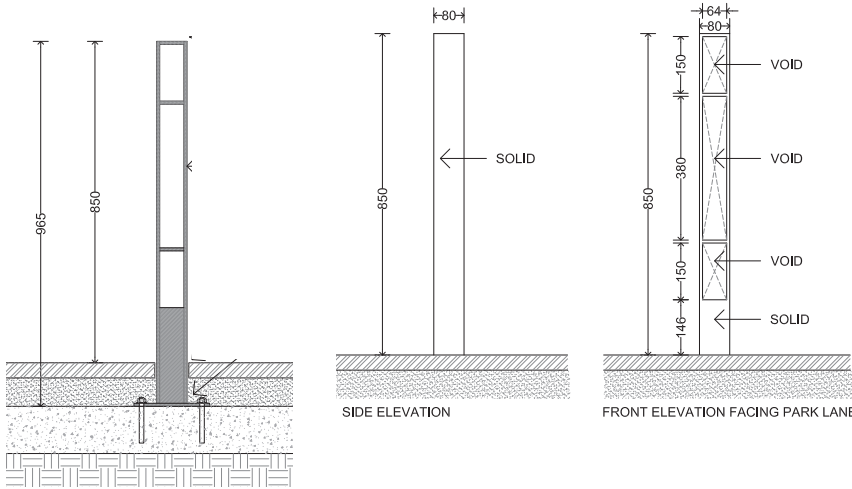
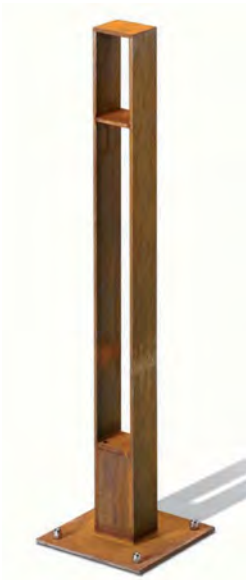
JAAA: Herning Square, Denmark

FURNITURE

UPPER COURTYARD - BIKE RACKS



MELOCCO & HESS BIKE RACK BOLLARDS



BIKE BOLLARD DETAILS IN BLOCK 5 SITE - PARK LANE

SOURROUNDING STREETS
Luminaire Schedule

EXISTING SCHEDULE:
Abercrombie Street: Type Existing Smart Poles
Irving Street: Type H1A
Central Park Avenue: Type H1


Date: 21.02.2012
Revision : J

TYPE	IMAGE	DESCRIPTION	MANUFACTURER	CAT NO.	LAMP(s)				FINISH	IP RATING	CONTROL GEAR	MOUNTING DETAILS	NOTE
					Number	Wattage per Lamp	Type	Colour Temp					
EX		Existing 400W pole mounted ceramic metal halide asymmetric distribution cut off luminaire on existing pole.	EXISTING										
H1		95W LED pole mounted asymmetric flat beam distribution, c/w pole system mounting bracket & accessories	Bega	7954	1	95W	Warm white LED	3000K	graphite	IP66	Electronic Control Gear	6.5m Pole Mounted Recessed rag-bolt mount. Coordinate with builder for installation.	Confirm structural requirements for rag-bolt assembly mounting details Pole Height - 6.5m
H1A		95W LED outrigger pole mounted asymmetric flat beam distribution, c/w single 2.5m outrigger arm and pole system mounting bracket & accessories	Bega	7954 + 7774 outrigger arm (2.5m)	1	95W	Warm white LED	3000K	graphite	IP66	Electronic Control Gear	6.5m pole + 2.5m outrigger arm mounted Pole Mounted Recessed rag-bolt mount. Coordinate with builder for installation.	Confirm structural requirements for rag-bolt assembly mounting details Pole Height - 6.5m Outrigger arm length - 2.5m

SUGGESTED ALTERNATIVES
THROUGH LINK - BLOCKS 4S & 4N

SUSPENDED LIGHTING



HOWARD LANE, PERTH



ALTERNATIVE POLES



SYDNEY UNIVERSITY