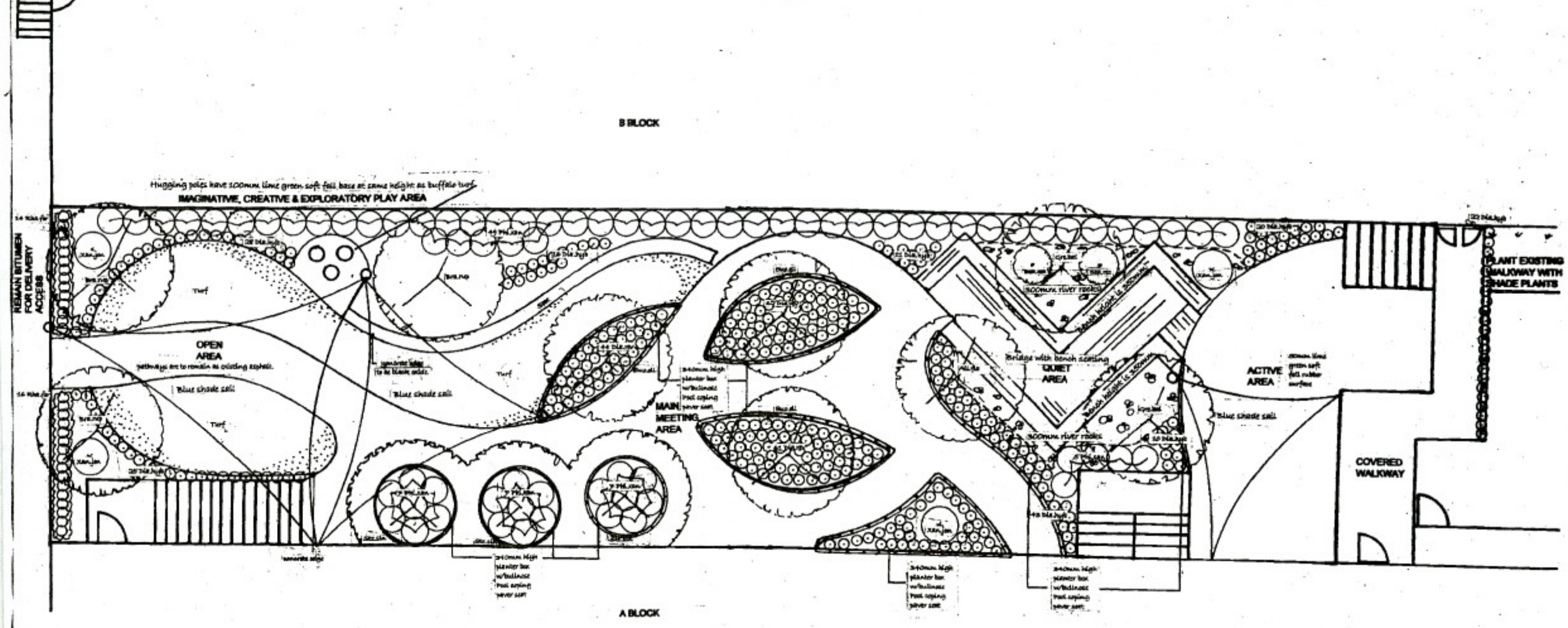
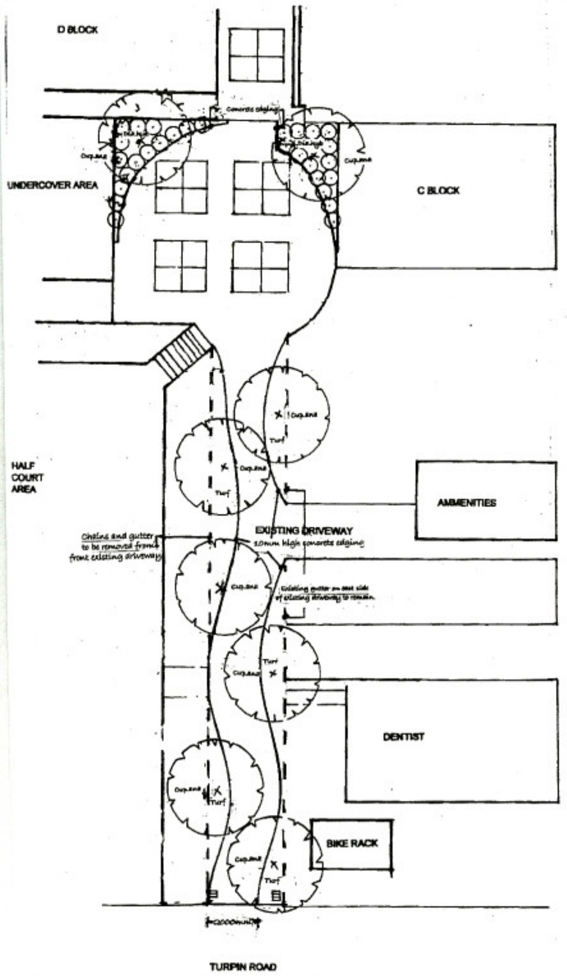
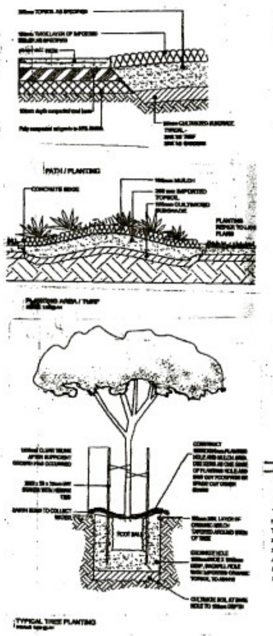
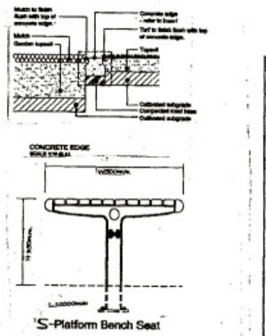
LABRADOR STATE SCHOOL

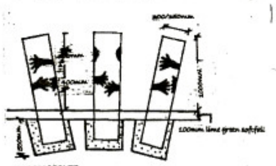
SAFER ACCESS TO THE SCHOOL GROUNDS.



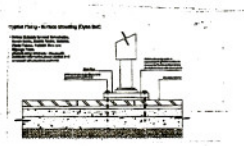


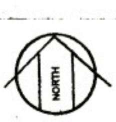






HUGGING POLES
Three (3) Hugging poles to be CCA treated timber, 300/350mm diameter are to be approx. 1 meter out of ground.
At 400mm and 600mm on opposite sides of poles.
Carved (routed) silhouette of arms and hands hugging poles.
100mm lime green softfall rubber surface to be at base.





LANDSCAPE SPECIFICATIONS

GENERAL
Landscape works are to be carried out by persons experienced in planting works and landscape construction under the supervision of a qualified landscape person.
All works shall comply with the provisions of the building code of Australia, any applicable government act Australian standard and any bylaws or requirements of the local authority.
Use figure dimensions only, do not scale. If in doubt ask. Report any discrepancies immediately for clarification and rectification. Verify dimensions on site prior to any shop fabrication.
This drawing shall not be copied or used without authorisation and is protected by copyright.

PREPARATION
Garden bed and turf areas are to be prepared by removal of asphalt and concrete guttering. Asphalt is to be cut with diamond saw and pathways are to remain as existing asphalt.
Garden beds and turf areas are to be prepared by excavating 300mm of clay and cultivation of 100mm of clay.
Spread gypsum at 15kg per 100m2.
All deleterious material in these areas to be removed prior to the introduction of organic garden bed soil or under turf mix for turf areas.
Removed asphalt to be disposed of.

IRRIGATION
The installation of a fully automatic drip irrigation system by a licensed irrigation technician is recommended but not entirely necessary. The installation of a testable backflow prevention device and open pump, by a suitable qualified technician is required and must comply with AS 3500 part 1 section 4, unless otherwise directed.

GRADING
Garden beds are to be shaped approx. 300mm high and graded to be level with turf / old asphalt line on building.

SOIL
Organic soil to be used for garden beds.
Under turf soil to be used for turf areas.
All soil to be weed free, including nut grass. Fertile light to medium texture with a pH of 6-7.

MULCH
A finely ground forest mulch (Hoop flake) free of extraneous matter to be spread at a maximum thickness of 100mm on all planting areas.
Brachychiton rupestre needs a little mulch of conifer needles to give it a acid boost. Two handfuls of conifer needles per tree should be adequate.

TURF
Turf shall be freshly cut Grade A buffalo (Sir Walter). Turf to be free of paspalum, nutgrass or other noxious weeds or any other deleterious material.

PLANTS
Supply and plant all scheduled species as specified, detailed and as set out on the landscape drawings.
Quality plant material characterised by pest and disease free foliage, a healthy root system and vigorous new growth to be supplied by contractor.
The landscape contractor shall be responsible for the quality, vigor and care of all plant stock once accepted on site.
All plants are to be planted as soon as possible after delivery.
Make no planting substitutions to planting schedule without prior consent of the landscape designer and project supervisor.
Trees to have clear trunk to a minimum of 600mm and have a well shaped crown.
All plants to be planted with water crystals.
Xanthorrhoea johnsonii available from Van de Tropical Grove Nursery Piggabeen NSW (07) 5590 7222.

STAKING
All trees to be staked with 2x hardwood stakes 50mm x 50mm x 1800mm.
Drive stakes firmly into ground to depth required to ensure stability.
Ties to be 50mm wide hessian or plastic webbing tied in figure of eight and stapled to stake.

FERTILISING
Before placing plant in cultivated hole for planting. Ensure hole has industry approved slow release fertiliser to manufacturers recommendations. One pinch of native osmocote or similar fertiliser.
All garden beds are to be fertilised with slow release fertiliser after planting and before mulch is installed.

SHADE SAILS
Blue shade sails to be measured on site. Shade sail material to be 99% UV protective and be applicable to Australian standard.
Posts to be painted black and have one slope anti climbing theft device guard installed at top of post below connection of shade sail.

HUGGING POLES
Three (3) Hugging poles to be CCA treated timber, 300/350mm diameter are to be approx. 1 meter out of ground. At 400mm and 600mm on opposite sides of poles. Carved (routed) silhouette of arms and hands hugging poles. This with give kids an imaginary play space. Space pole approx. 1meter apart from each other in a triangle as per drawings. 100mm lime green softfall rubber surface to be at base. Poles to be concreted into ground 300mm deep.

SOFTFALL
Hugging Poles in garden bed next to B block in Open area have 100mm lime green softfall rubber surface.
Active area is to be coated with 50mm lime green softfall rubber surface.

SEATING
S shaped Platform bench seat is to be manufactured with a galvanised steel base and have 32mm lacquered Kwila hardwood bench slats. L 10000mm x W500mm x H 350mm.
HDG mild steel framing- rolled angle.
Supports- round tube up stands.
CNC shaped 32mm Hardwood Kwila timber seat slats.
Note: seat may need to be supplied in a 4x part assembly for freight purposes.
Quote #0890 Street and Garden Furniture Brisbane 07 38445381.
Bench to have support legs at approx. two(2)meter spacing with each base plate surface mounted with three(3)M10 chemset / dyna bolt anchors.
There is also an option for sub-surface fixing if required.
Bench height is to be 350mm from ground surface and 500mm wide.
Quiet Area bridge with bench seating is constructed from CCA treated timber. Treads are 140mm x 35mm. Bench height is 350mm.

ROCKS
Quiet Area garden bed to be covered with geotextile fabric as weed mat, 300mm river rocks to be placed butted up against each other for mulch. Rocks must not be smaller than 300mm in diameter. Gaps in rocks must be avoided.
Children must not be able to pick up rocks.

PLANTER BOXES
Planter boxes marked with a triangle on line refers to a 340mm high rendered masonry block wall with 40mm x 400mm x 400mm bull nose pool coping pavers as outer lip for seating. Coping pavers colour is to be light grey but not concrete colour.
Rendered walls to be painted light grey/blue or same colour as a grey cobblestone tile.
Gardens to have weep holes at ground level.
Gardens to be filled with organic garden soil 150mm from top of masonry with mulch being 50mm from top of pool coping paver salt.

EDGING
All garden beds bounded by turf are to have a concrete edge as detailed or as indicated on drawings.
Concrete edging 70mm wide and 70mm deep to be installed on garden edge in open area of court yard and garden bed alongside B block.
Concrete edging to be black oxide.

DRIVEWAY ENTRANCE
Concrete edging to border asphalt at existing driveway, with 10mm protrusion.
Existing gutter on east side of existing driveway to remain. Chain fence to be removed.
Existing gutter and chain fence on west side of existing driveway to be removed and graded with 100mm of under turf soil mix prior to turf being installed.
Existing driveway will be reduced to 3000mm wide.
New turf to match existing turf at half court area.

CONSOLIDATION
The establishment period for the landscape works shall be for a period of 12 weeks, commencing from the agreed date of practical completion of the works.
Landscape works to be undertaken in the establishment period shall include but not be limited to watering, weeding, pest and disease management, plant replacement and pruning.
Replace all plants that are unhealthy or dead for any reason whatsoever. Replacement plants shall be of the same size and species as those selected as per planting schedule.
A final inspection by the project superintendent shall be undertaken prior to the completion of the establishment period and if defects or deficiencies are found, they shall be rectified within 5 days.
Landscape works are to be carried out by persons experienced in planting works and under the supervision of a qualified landscape contractor.

DEFECTS AND LIABILITY PERIOD
The landscape contractor is to maintain all hardscape constructed items, upholding this work to any defects due to faulty and/or inferior workmanship and/or materials, both during the progress of the works and for twelve (12) months of liability after the date of practical completion. Hardscape items include, but is not limited to, concrete masonry, timber and steelwork.

PLANTING SCHEDULE

KEY	PLANT	COMMON NAME	HEIGHT AT MATURITY	SPREAD AT MATURITY	CONT.	NO.
TREES						
All.fla	Allosyncarpia Flammeum	NN QLD Tree Waratah	10m	4-5m	45Lt bag	1
Bra.rup	Brachychiton Rupestre	Bottle tree	15-20m	10-15m	200Lt bag	3
Cup.ana	Cupaniopsis Anacardioides	Tuckeroo	10m	10m	25Lt bag	8
Buc.eli	Buckinghamia Eligans	Corkwood	3-6m	3-4m	25Lt bag	8
Gre.bai	Grevillea Baileyana	White Oak	8-10m	2-8m	25Lt bag	2
Ste.sin	Stenocarpus Sinuatus	Wheel of Fire	10-12m	6m	25Lt bag	3
SHRUBS						
Bea.rec	Beaucarnea Recurvata	Ponytail	3m	2m	430mm/ 1m height	2
Phi.xan	Philodendron Xanadu	Xanadu	1m	1m	140mm	74
Rha.fer	Rhaphiolepis Fergusonii	Apple blossom/white	90cm	90cm	200mm	30
Xan.joh	Xanthorrhoea Johnsonii	Grass tree	3m	3m	430mm/ 500mm	4
GROUND COVERS						
Dia.hyb	Dianella Hybrid	Silver Streak	50cm	80cm	140mm	240
Dia.rev	Dianella Revoluta	Little Rev	50cm	30cm	140mm	167
Turf	Buffalo Premium	Sir Walter				

PROJECT
LABRADOR STATE SCHOOL
SAFER ACCESS TO THE SCHOOL GROUNDS
CLIENT
CLAYTON MC CANN
DEPUTY PRINCIPAL (07) 5537 6866
DRAWING
LANDSCAPING MASTER PLAN
SCALE 1:100
DATE MARCH 2007
DRAWN BY
DANNY ASTLE

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