

	SCOPE OF WORKS LINE
	PV-01a/b/c: CONCRETE PAVING
	PV-02: COLOURED CONCRETE PAVING
	PV-03: ASPHALT CONCRETE
	PV-04: SYNTHETIC TURF
	PV-05a/b: RUBBER SOFTFALL
	PV-06: PERMEABLE UNIT PAVING
	PV-07: BARK MULCH
	PV-08: GRAVEL PAVING
	PV-09 SAND PIT
	PV-10: STEPPING STONES
	PV-11: COMPOSITE TIMBER DECKING
	PV-12: FRP MESH PLATFORM
	PV-13: SPORTS SURFACE
	TF-01: TURF PLANTING
	MP-01/02: MASS PLANTING
	MP-03: RAINGARDEN PLANTING
	WL-01: BRICK RETAINING WALL
	WL-02: INSITU CONCRETE PLANTER WALL
	WL-03: INSITU CONCRETE RETAINING EDGE
	ST-01: STAIR
	ST-02: TIERED BLEACHERS
	ST-03: SANDSTONE TIERED SEATING
	BAL01: BALUSTRADE
	FG-02/03: SECURITY GATE
	FE-02: SECURITY FENCE
	FG-04: SPORTS FENCE GATE
	FE-03: SPORTS FENCE
	ED01: TIMBER EDGE
	ED02: CONCRETE EDGE
	ED03: STEEL EDGE
	FU-01: BENCH
	FU-02: PICNIC SETTING
	FU-03: BIKE RACKS
	FU-04: RAISED PLANTER
	FU-05: FEATURE ROCKS / PLAY ROCKS

	FU-06: BOLLARDS
	FU-09: DRINKING FACILITIES
	FU-10: GRC PLANTER



**Planning,
Industry &
Environment**

Issued under the Environmental Planning and Assessment Act 1979

Approved Application no: SSD-9483 Signed: *T. Alexander*

Granted on: 30 November 2020 Sheet no: 42 of 81

	EX-01: EXISTING CONCRETE PAVING
	EX-02: EXISTING BITUMEN SURFACE
	EX-03: EXISTING WALL
	EX-04: EXISTING STAIR
	EX-05: EXISTING MASS PLANTING
	EX-06: EXISTING TURF
	TP-01: PROPOSED TREE
	EXISTING TREE
	EXISTING TREE TO BE REMOVED
	TREES APPROVED FOR REMOVAL UNDER TVPA-2019/428 AND TVPA 2-2019/364

Code	Short Description	Location	Material	Proprietary Name/ Profile/ Size/ Description	Colour / Finish	EFSG & Detail
PV-	SURFACE FINISHES					
PV-01a	Insitu Concrete Paving on grade (Vehicle grade)	Walkways and ramps	Insitu Concrete	150mm thick reinforced insitu concrete paving - concrete mix comprising 20mm basalt aggregate in grey cement, laid on 30mm sand layer and compacted subgrade. Concrete Graffiti Guard protective coat to be applied	Plain standard grey Broom finish, no tooled margin.	DG91.07
PV-01b	Insitu Concrete Paving on grade (Pedestrian grade)	Walkways and ramps	Insitu Concrete	100mm thick reinforced insitu concrete paving - concrete mix comprising 20mm basalt aggregate in grey cement, laid on 30mm sand layer and compacted subgrade. Concrete Graffiti Guard protective coat to be applied	Plain standard grey Broom finish, no tooled margin.	DG91.08
PV-01c	Insitu Concrete Paving on structure (Pedestrian grade)	Walkways and ramps	Insitu Concrete	100mm thick reinforced insitu concrete paving - concrete mix comprising 20mm basalt aggregate in grey cement, laid on 30mm sand layer and structural slab. Concrete Graffiti Guard protective coat to be applied	Plain standard grey Broom finish, no tooled margin.	DG91.09
PV-02	Insitu Coloured Concrete Paving	Gathering Areas and Assembly Area	Coloured Insitu Concrete	100mm thick reinforced insitu concrete paving - integrally coloured with CCS pigment concentrate for an anti-glare finish, laid on 30mm sand layer and compacted subgrade. Concrete Graffiti Guard protective coat to be applied	Colour CCS Cobalt Blue Colour CCS Mulberry Colour CCS Kakadu Cove trowel finish, no tooled margin.	DG91.07
PV-03	Asphalt Concrete	Asphalt Surface to Carparking, Loading Dock, and Maintenance Driveway Access	Hot-mix bitumen, black top	Refer to Civil Engineer's details. Hot-mix bitumen, black top is installed to have: o Min. gradient required (to prevent ponding) 1:35 or 2.8 % o Max. cross fall in parking areas 1:20 or 4 %		DG91.07
PV-04	Synthetic Turf	Play area and high use lawn areas	Synthetic Grass	25mm pile length on compacted roadbase laid to critical fall heights around play equipment, to meet AS/NZS 4422:1996. Refer to plan and details for fall zones. Refer to manufacturer and play equipment supplier for attenuation layer thicknesses. Supplier Green Look Living Space or equivalent to be approved.	25mm Royal Grass Silk	DG92.04
PV-05a	Rubber Softfall on grade	Play Areas and Special Education gardens	Wet pour rubber softfall	Wet pour rubber on compacted roadbase laid to critical fall heights around play equipment, to meet AS/NZS 4422:1996. Refer to plan and details for fall zones. Refer to manufacturer and play equipment supplier for attenuation layer thicknesses. Rosehill TPV Rubber finish colour layer. Supplier Synthetic Grass & Rubber Surfaces or equivalent to be approved.	Mix colours TBC: P5a: Leaf Litter - 34% Dark Green, 33% Green 33% Beige P5b: Navy Blue 60% Teal 20% Light Blue 20% P5c: Bright & Bubbly - Purple 20% Bright Red 80%	DG91.08
PV-05b	Rubber Softfall on structure	Play Areas and Special Education gardens	Wet pour rubber softfall	Wet pour rubber on structural slab, softfall paving shall be minimum 15mm thick EPDM wet pour rubber wear layer laid 25mm low density cushioned shock pad to meet AS/NZS 4422:1996. Refer to plan and details for fall zones. Refer to manufacturer and play equipment supplier for attenuation layer thicknesses. Rosehill TPV Rubber finish colour layer. Supplier Synthetic Grass & Rubber Surfaces or equivalent to be approved.	Mix colours TBC: P5a: Leaf Litter - 34% Dark Green, 33% Green 33% Beige P5b: Navy Blue 60% Teal 20% Light Blue 20% P5c: Bright & Bubbly - Purple 20% Bright Red 80%	DG91.09
PV-06	Permeable Paving unit	Near trees and seating areas	Stretcher Bond with header course	Adbri Masonry Ecopave 50 interlocking permeable paver layed on sand layer as per detail. Refer to manufactuers detail for sub-base material specification and preparation	L:226mm x D: 111mm x H: 50mm Charcoal. Shot Blast finish.	DG91.07
PV-07	Playground Bark Mulch	Natural play area and areas around existing trees	Forest Fines Mulch	300mm depth of playground bark mulch on compacted subgrade. Mulch to be tested to ensure it is non toxic and safe for children and to meet NATA and AS/NZS 4422. Supplier ANL or equivalent to be approved.	15mm fine graded pine bark mulch	
PV-08	Gravel Paving	Rock garden areas. Note this is located at least 10m away from any circulation route.	Blue Metal gravel	Blue Metal 20-40mm aggregate laid over bed of sand and crushed aggregate base. Supplier ANL or equivalent to be approved.	Blue Metal gravel	DG91.07
PV-09	Playground Sand	Sandpit	Sydney Sand Playground sandpit	500mm depth of sand on 100mm free-draining aggregate layer over compacted subgrade. Fine white double or triple washed sand (uniform particle size <1.5mm) is recommended. Play sand to be tested and certified to meet AS4422 Playground Surfacing. Supplier ANL or equivalent to be approved.	Washed beach dune sand	
PV-10	Stepping Stones	Primary School	Concrete Unit Paver	400x400x40mm and 600 x 400 x 40mm Euro Classic Adbri Masonry Paver. Laid on sand-cement mortar bed on compacted sub base	Colour Prague	
PV-11	Composite Timber Decking / Performance Platforms	Performance areas within play areas, and under trees with varying heights and square sizes	Modwood	Composite Timber "Modwood" or similar to be approved. Wide decking 137mm x 23mm with groove on edge for main deck using KlevaKlip fixing method. Fixed in timber bearers and joist structure. Only screw fixed at ends of boards, into pre-drilled holes. Refer to manufacturers instruction.	Mod/Wood Silver Gum colour Brushed finish	
PV-12	FRP Mesh Platform	Adjacent to Building H	FRP	Treadwell GratEX FRP mini mesh grating on hot dip galvanised steel structure with pried footing. Product Code: F-MG50 (25/25) M.	Colour: Charcoal	
PV-13	Sports Surface	Sports court	Acrylic	Acrylic hard court system on concrete slab on membrane refer to engineers details and specifications with line marking	Colour TBC	
FU-	FURNITURE/FIXTURES					
FU-01	Bench Seat	Outdoor Learning Units and General external gathering spaces	Aluminium bench seating	2m long surface mounted Aluminium seating with clear anodised 225 x 35mm extrusion slats to the seating and with alloy endcaps. Aluminium frames powder coated in 'Silver Pearl Kinetic'. Metro Bench code MBS-SM-STD-003 as supplied by Grillex or similar to be approved	Seats - clear anodised aluminium. Frames - powdercoated aluminium (colour: Silver Pearl Kinetic).	PS603.05 HS603.05 PS604
FU-02	Picnic Setting	Outdoor Learning Units and General external gathering spaces	Marine grade aluminium bench seating	2m long Aluminium picnic setting with clear anodised 225 x 35mm extrusion slats to the seating and with alloy endcaps. Aluminium frames powder coated in 'Silver Pearl Kinetic'. Surface mounted. Metro 2m Table Setting code MTS-SM-STD-001 as supplied by Grillex or similar to be approved	Seats - clear anodised aluminium. Frames - powdercoated aluminium (colour: Silver Pearl Kinetic).	PS603.05 HS603.05 PS604
FU-03	Bicycle Rack	Under building K, Centennial & Under carpark, Pacific Highway	Galvanised Steel	Tubular hot dip galvanised steel, Multi Bike Rack (4 bikes) 1200 (L) x 830mm (H) x 1060mm (V). (Compact P4 10-CP4 on 30 degree angle) with surface fixings as supplied by As Urban or similar to be approved. Refer manufacturers specification	Galvanised Steel	HS609.07 PS609
FU-04	Raised Oblong Planters	Edible gardens, Pacific Hwy Building P1 & P2	Corrugated Steel	Corrugated Steel Modular Raised Garden Bed 2100mm (L) x 900mm (W) x 395mm (H) with bent over safety top edge, as supplied by Birdies Garden Products. https://birdiesgardenproducts.com.au/	Colorbond steel Colour: Zinc	
FU-05	Sandstone Rocks	Rock garden areas	Sandstone	Sandstone feature boulders in 300-500mm, 700-1200mm & 1200mm + sizes laid on nom. 100mm depth FGR layer on compacted subgrade.	Natural Sandstone Boulders	

NOTES

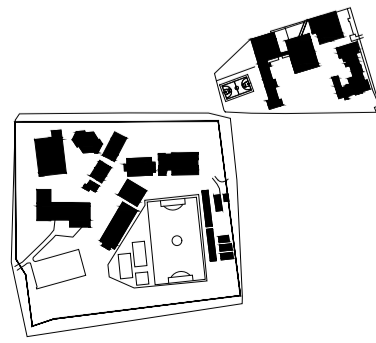
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KEY PLAN



ISSUE	DATE	AMENDMENT	DRN	APPRVD
P1	18.12.19	ISSUE FOR SSDA	EP	KS
P2	27.02.20	ISSUE FOR SSDA	GF	KS
P3	11.11.20	ISSUE FOR SSDA	GF	KS

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SYDNEY MELBOURNE WASHINGTON

PROJECT

UPGRADES TO CHATSWOOD PUBLIC SCHOOL & CHATSWOOD HIGH SCHOOL

CLIENT

SCHOOL INFRASTRUCTURE
NEW SOUTH WALES

ARCHITECT

ARCHITECTUS

STATUS

DEVELOPMENT APPLICATION

DRAWING SCALE

DRAWING

LEGEND & MATERIAL SCHEDULE
SHEET 1 OF 2

PROJECT №

S18-036

DRAWING №

SD-XX-L0002

SHEET SIZE

A1

ISSUE

P3



NSW GOVERNMENT
Planning, Industry & Environment
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NOTE: Refer to EcoLogical Arborist Impact Assessment for tree protection measures and tree species

KEY PLAN

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ARCHITECT
ARCHITECTUS

STATUS
DEVELOPMENT APPLICATION

DRAWING SCALE
SCALE 1:250 @ A1
2.5 0 2.5 5 12.5m

NORTH POINT

DRAWING
TREE RETENTION & REMOVAL PLAN
SHEET 1 OF 4 CENTENNIAL AVE

PROJECT No
S18-036

DRAWING No
SD-AX-L0501

SHEET SIZE
A1

ISSUE
P3