



landscape schematic design - DA

HUNTER RIVER HIGH SCHOOL UPGRADE

SCHOOL INFRASTRUCTURE NSW

36 ELKIN AVENUE, HEATHERBRAE, 2324

DRAWING REGISTER

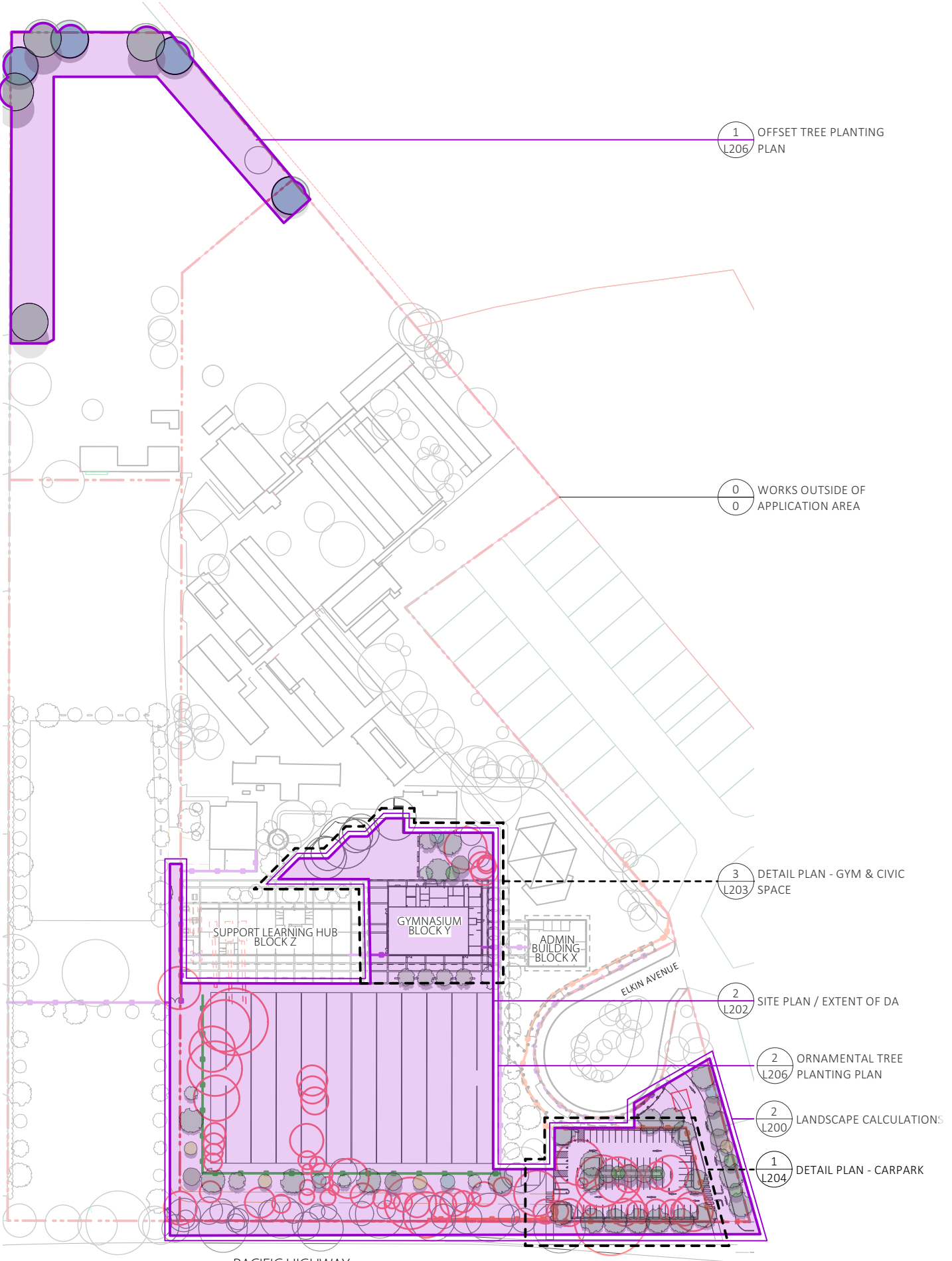
DRAWING NUMBER	SHEET NAME	REV. No.	REV. DATE
14276.5 SD L200	DA - key diagram	G	8/9/23
14276.5 SD L201	DA - tree management plan	G	8/9/23
14276.5 SD L202	DA - site plan	G	8/9/23
14276.5 SD L203	DA - detail plan gym and civic space	G	8/9/23
14276.5 SD L204	DA - detail plan carpark	G	8/9/23
14276.5 SD L205	DA - design palette	G	8/9/23
14276.5 SD L206	DA - tree planting plan	E	8/9/23
14276.5 SD L207	DA - mass planting plan carpark	D	8/9/23



DA - key diagram

HUNTER RIVER HIGH SCHOOL UPGRADE

L200

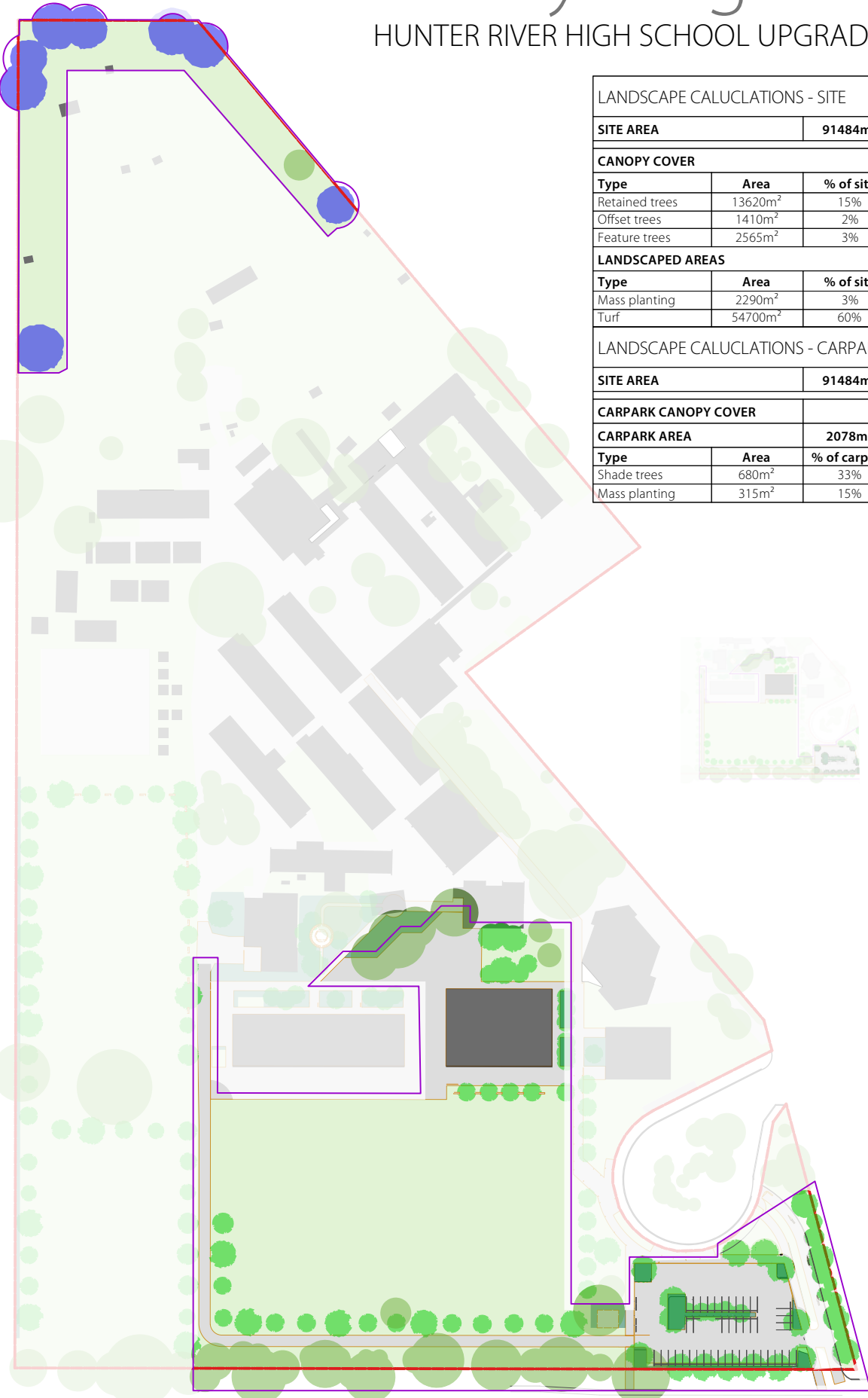


1

KEY DIAGRAM

L200

Scale: 1:2000



2

LANDSCAPE CALULATIONS

L200

Scale: 1:2000

LANDSCAPE CALULATIONS - SITE		
SITE AREA		91484m ²
CANOPY COVER		
Type	Area	% of site
Retained trees	13620m ²	15%
Offset trees	1410m ²	2%
Feature trees	2565m ²	3%
LANDSCAPED AREAS		
Type	Area	% of site
Mass planting	2290m ²	3%
Turf	54700m ²	60%
LANDSCAPE CALULATIONS - CARPARK		
SITE AREA		91484m ²
CARPARK CANOPY COVER		
CARPARK AREA		2078m ²
Type	Area	% of carpark
Shade trees	680m ²	33%
Mass planting	315m ²	15%

- LEGEND
- BOUNDARY

APPLICATION EXTENTS

EXISTING TREES RETAINED

OFFSET TREE PLANTING

NEW FEATURE TREES

TURF

MASS PLANTING

CARPARK SHADE

G

8/9/23

tree notes revised

REV

DATE

COMMENTS

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14276.5-TD-HUNTER RIVER HS_SK-QDA-F-DSREV-vvwx

8/9/23

DRAWN:

AL / GF

DATE:

20.06.2022

SCALE:

@A3

JOB NUMBER:

14276.5

PHASE:

DA

DWG No:

L200

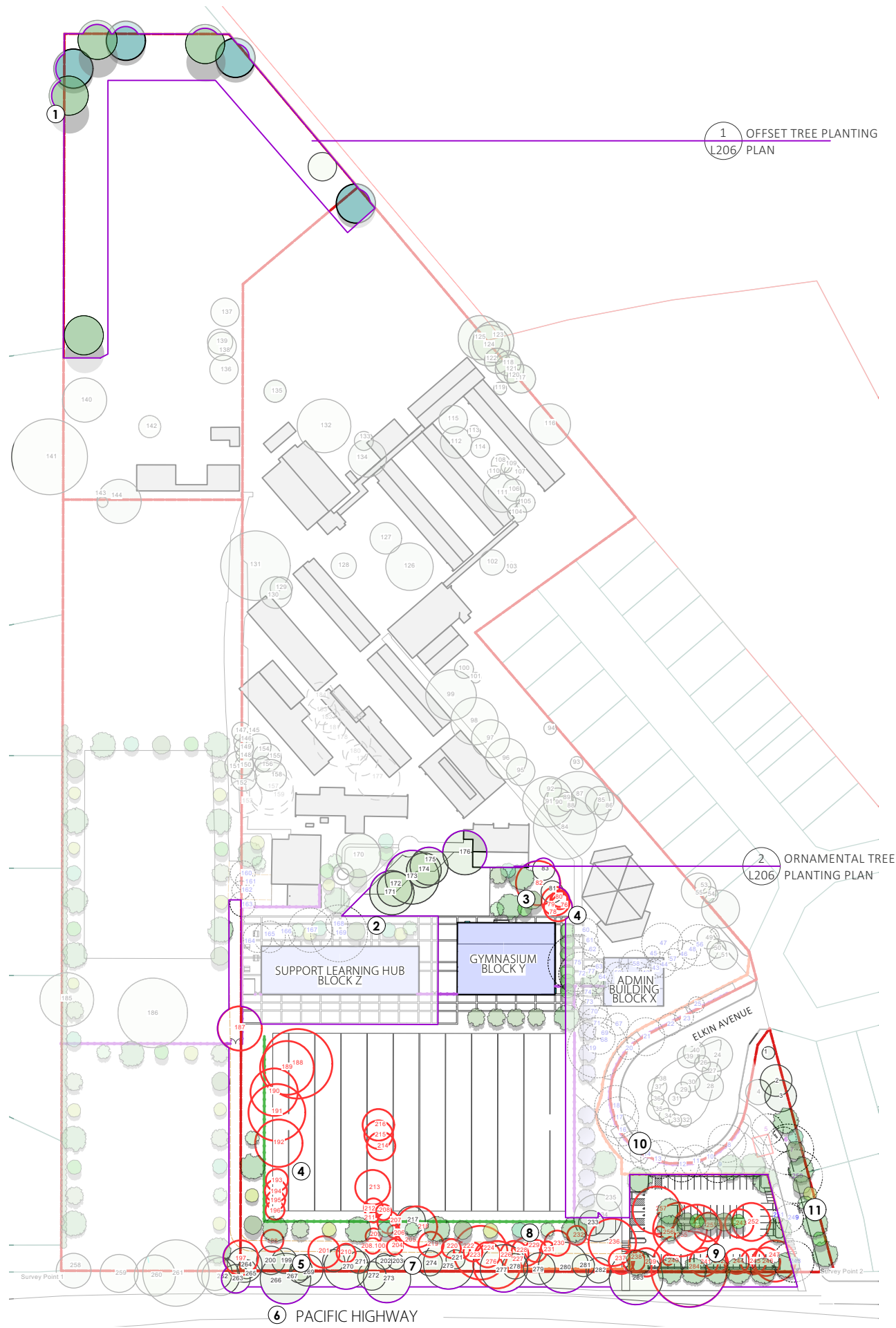
REV:

G



DA - tree management plan | L201

HUNTER RIVER HIGH SCHOOL UPGRADE



NOTES - L201

- 1 FOUR EUCALYPTUS ROBUSTA AND FOUR CORYMBIA MACULATA AT 45L, PROVIDED AS OFFSET TREE PLANTING IN ACCORDANCE WITH PORT STEPHENS COUNCIL REQUIREMENTS. TREES ARE TO BE PROTECTED, NURTURED AND MAINTAINED UNTIL REACHING A MATURE SIZE OF 5m, AND REPLACEMENT PLANTING IS TO BE UNDERTAKEN WITH ANY LOSS, AT THE COST OF THE APPLICANT. FINAL TREE LOCATIONS TO BE DETERMINED ON SITE IN CONSULTATION WITH PSC, PROJECT ARBORIST AND APPLICANT, AND IN ACCORDANCE WITH BUSH FIRE REQUIREMENTS. REFER L301 / PLANTING PLAN.
- 2 MULCH AND MASS PLANTING AREA TO PROTECT AND RETAIN EXISTING TREES WITHIN COURTYARD AREA.
- 3 EXISTING TREES TO BE RETAINED IN ACCORDANCE WITH 'ASSURANCE TREES HUNTER RIVER HIGH SCHOOL ARBORICULTURAL IMPACT ASSESSMENT',
- 4 EXISTING TREES TO BE REMOVED IN ACCORDANCE WITH 'ASSURANCE TREES HUNTER RIVER HIGH SCHOOL ARBORICULTURAL IMPACT ASSESSMENT',
- 5 EXISTING TREES IN CLOSE PROXIMITY OF ACCESS TRACK TO BE RETAINED WHERE POSSIBLE AS SHOWN, WITH PRUNING OF OVERHANGING BRANCHES TO BE UNDERTAKEN, PROVIDING A MIN. 6m CLEARANCE.
- 6 EXISTING TREES TO HIGHWAY BOUNDARY TO BE RETAINED AND MANAGED, IN ACCORDANCE WITH 'ASSURANCE TREES HUNTER RIVER HIGH SCHOOL ARBORICULTURAL IMPACT ASSESSMENT',
- 7 EXISTING TREES TO BE REMOVED TO ALLOW FOR NEW ACCESS TRACK.
- 8 NEW NATIVE AND FEATURE EXOTIC TREES TO PROVIDE SHADE, AMENITY AND CANOPY COVER. REFER PLANTING PLAN.
- 9 EXISTING TREES TO BE REMOVED TO ACCOMMODATE NEW CARPARK. OFFSET PLANTING TO BE UNDERTAKEN OF IDENTIFIED FEED TREES AS SHOWN (1). REFER 'MJD ENVIRONMENTAL BIODIVERSITY ASSESSMENT REPORT' AND 'ASSURANCE TREES HUNTER RIVER HIGH SCHOOL ARBORICULTURAL IMPACT ASSESSMENT',
- 10 TREES BEYOND APPLICATION AREA TO SEPARATE DOCUMENTATION.
- 11 PROPOSED TREES BETWEEN NEW DRIVEWAY AND NEIGHBOURING BLOCKS TO PROVIDE SCREENING.

LEGEND

- BOUNDARY
- APPLICATION EXTENTS
- EXISTING TREES RETAINED
Refer Arborist report
- EXISTING TREES REMOVED
Refer Arborist report
- OFFSET TREE PLANTING
Refer advanced tree planting plan
- NEW FEATURE TREES
Refer advanced tree planting plan

G	8/9/23	tree notes revised
REV	DATE	COMMENTS

PROJECT:

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SITE:

36 ELKIN AVENUE,
HEATHERBRAE, 2324

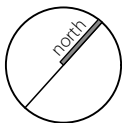
CLIENT:

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14276.5-TO-HUNTER RIVER HS_SK-QDA-F-DSREV-vvwx 8/9/23

DRAWN: AL / GF DATE: 20.06.2022 SCALE: @A3

JOB NUMBER: 14276.5 DA L201 G PHASE: DWG No: REV:



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DA - site plan

L202

HUNTER RIVER HIGH SCHOOL UPGRADE

NOTES - L202

- 1 CIVIC SPACE - REFER TO DETAIL PLAN.
- 2 EXISTING TREES TO BE RETAINED.
- 3 GYMNASIUM SURROUNDS - REFER TO DETAIL PLAN.
- 4 SECURITY FENCING TO ARCHITECTURAL DOCUMENTATION.
- 5 PALISADE SECURITY FENCE WITH ACCESS GATES, TO ARCHITECTURAL DOCUMENTATION.
- 6 EXISTING SPORTING ELEMENTS TO BE REMOVED / RELOCATED.
- 7 EXISTING TRACK TO BE REALIGNED.
- 8 NEW GRAVEL ACCESS TRACK.
- 9 PLAYING FIELD TURF. TO BE IN ACCORDANCE WITH EFSG.
- 10 1000mm BALL BARRIER FENCE TO ARCHITECTURAL DOCUMENTATION.
- 11 FEATURE TREES TO PROVIDE SHADE AND AMENITY.
- 12 EXISTING TREES TO HIGHWAY BOUNDARY TO BE RETAINED AND MANAGED, IN ACCORDANCE WITH 'ASSURANCE TREES HUNTER RIVER HIGH SCHOOL ARBORICULTURAL IMPACT ASSESSMENT'.
- 13 NEW INDICATIVE LOCATION FOR RELOCATED EXISTING GAS TANKS PROVIDE 6m CLEARANCE AND ENSURE ACCESS FOR REFILLING. REFER HYDRAULIC PLANS FOR LOCATION. LANDSCAPING TO BE INTEGRATED TO PROVIDE SCREENING.
- 14 EXISTING GAS TANKS TO BE RELOCATED.
- 15 CARPARK - REFER TO DETAIL PLAN.
- 16 PROPOSED TREES BETWEEN NEW DRIVEWAY AND NEIGHBOURING BLOCKS TO PROVIDE SCREENING.
- 17 NEW FOOTPATH TO CONNECT TO EXISTING.

LEGEND

- BOUNDARY
- APPLICATION EXTENTS
- EXISTING TREES RETAINED
Refer Arborist report
- NEW FEATURE TREES
Refer L105
- EXISTING REMOVED
- EXISTING ROAD
- NEW ROAD TO ARCH.
- EXISTING BUILDING
- ROOF OVER
- NEW BUILDING TO ARCH.
- SERVICE YARD TO ARCH.
- CONCRETE-ONYX
- CONCRETE-PEBBLE
- CONCRETE-GREY
- INFORMAL PATH
- TURF
- MASS PLANTING
- SANDSTONE LOG
- GATE
- PALISADE FENCE
- 1000mm FENCE
- DRAINAGE CELL

G 8/9/23 tree notes revised
REV DATE COMMENTS

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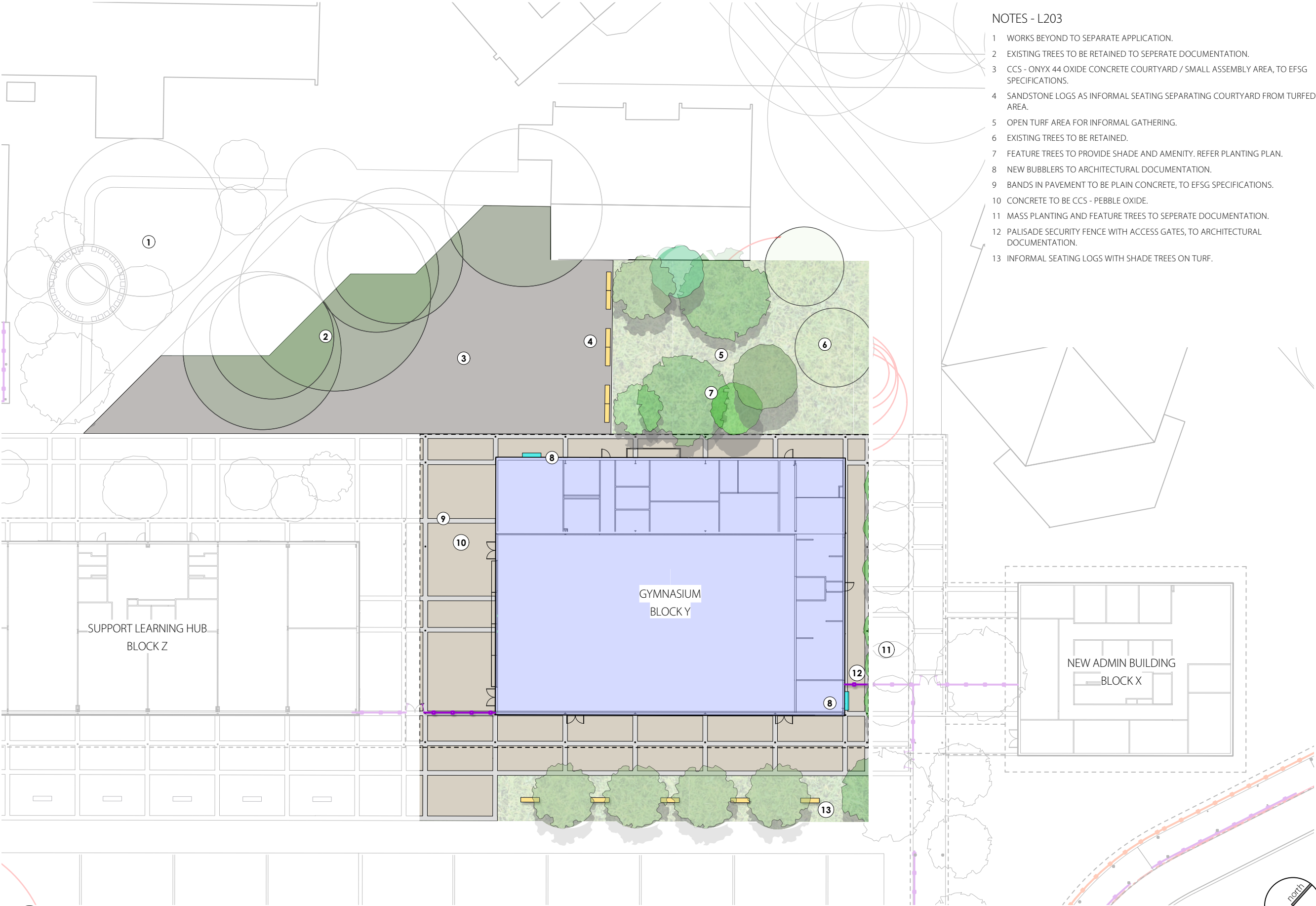
2 SITE PLAN
L202 Scale: 1:750

PACIFIC HIGHWAY

DA - detail plan gym and civic space

HUNTER RIVER HIGH SCHOOL UPGRADE

L203



NOTES - L203

- 1 WORKS BEYOND TO SEPARATE APPLICATION.
- 2 EXISTING TREES TO BE RETAINED TO SEPARATE DOCUMENTATION.
- 3 CCS - ONYX 44 OXIDE CONCRETE COURTYARD / SMALL ASSEMBLY AREA, TO EFSG SPECIFICATIONS.
- 4 SANDSTONE LOGS AS INFORMAL SEATING SEPARATING COURTYARD FROM TURFED AREA.
- 5 OPEN TURF AREA FOR INFORMAL GATHERING.
- 6 EXISTING TREES TO BE RETAINED.
- 7 FEATURE TREES TO PROVIDE SHADE AND AMENITY. REFER PLANTING PLAN.
- 8 NEW BUBBLERS TO ARCHITECTURAL DOCUMENTATION.
- 9 BANDS IN PAVEMENT TO BE PLAIN CONCRETE, TO EFSG SPECIFICATIONS.
- 10 CONCRETE TO BE CCS - PEBBLE OXIDE.
- 11 MASS PLANTING AND FEATURE TREES TO SEPARATE DOCUMENTATION.
- 12 PALISADE SECURITY FENCE WITH ACCESS GATES, TO ARCHITECTURAL DOCUMENTATION.
- 13 INFORMAL SEATING LOGS WITH SHADE TREES ON TURF.

LEGEND

- BOUNDARY
- APPLICATION EXTENTS
- EXISTING TREES RETAINED
- NEW FEATURE TREES
- EXISTING REMOVED
- EXISTING ROAD
- NEW ROAD TO ARCH.
- EXISTING BUILDING
- ROOF OVER
- NEW BUILDING TO ARCH.
- SERVICE YARD TO ARCH.
- CONCRETE-ONYX
- CONCRETE-PEBBLE
- CONCRETE-GREY
- INFORMAL PATH
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DRAWN: AL / GF DATE: 20.06.2022 SCALE: 1:400

JOB NUMBER: 14276.5 DA L203 G

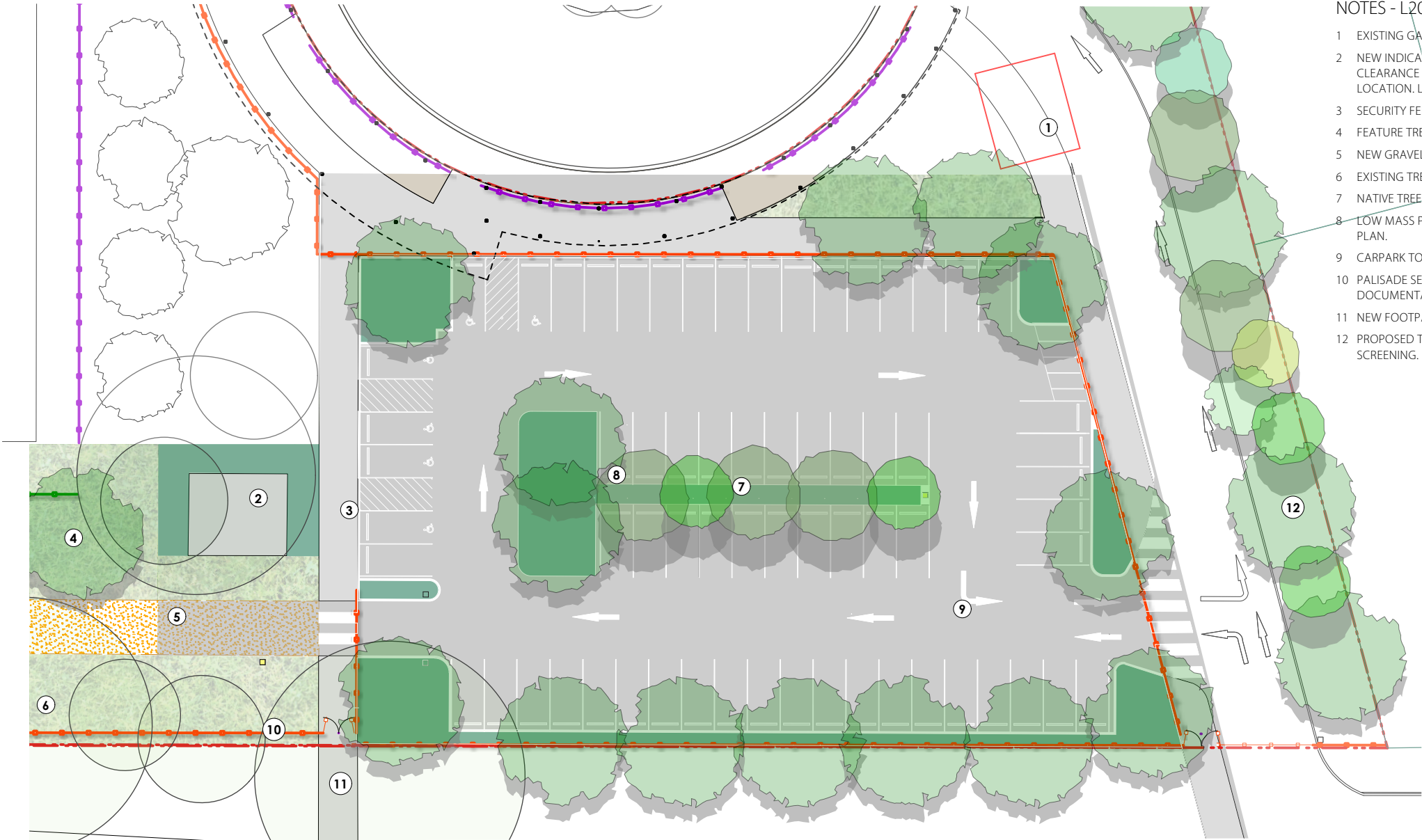


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DA - detail plan carpark

HUNTER RIVER HIGH SCHOOL UPGRADE

L204



- NOTES - L204
- 1 EXISTING GAS TANKS TO BE RELOCATED.
 - 2 NEW INDICATIVE LOCATION FOR RELOCATED EXISTING GAS TANKS PROVIDE 6m CLEARANCE AND ENSURE ACCESS FOR REFILLING. REFER HYDRAULIC PLANS FOR LOCATION. LANDSCAPING TO BE INTEGRATED TO PROVIDE SCREENING.
 - 3 SECURITY FENCE TO ARCHITECTURAL DOCUMENTATION.
 - 4 FEATURE TREES TO PROVIDE SHADE AND AMENITY.
 - 5 NEW GRAVEL ACCESS TRACK.
 - 6 EXISTING TREES TO BE RETAINED, REFER TO TREE MANAGEMENT PLAN.
 - 7 NATIVE TREES TO CARPARK BLISTERS. REFER TREE PLANTING PLAN.
 - 8 LOW MASS PLANTING OF NATIVE GRASSES AND GROUNDCOVERS. REFER PLANTING PLAN.
 - 9 CARPARK TO ARCHITECTURAL DOCUMENTATION.
 - 10 PALISADE SECURITY FENCE WITH ACCESS GATES, TO ARCHITECTURAL DOCUMENTATION.
 - 11 NEW FOOTPATH TO CONNECT TO EXISTING.
 - 12 PROPOSED TREES BETWEEN NEW DRIVEWAY AND NEIGHBOURING BLOCKS TO PROVIDE SCREENING.

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- BOUNDARY
 - APPLICATION EXTENTS
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JOB NUMBER: 14276.5 DA L204 G PHASE: DWG No: REV:

1 DETAIL PLAN - CARPARK
L204 Scale: 1:400



DA - design palette

HUNTER RIVER HIGH SCHOOL UPGRADE

L205



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14276.5-TD-HUNTER RIVER HS_SK-QDA-F-DSREV+ vwx 8/9/23

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JOB NUMBER: 14276.5 DA L205 G PHASE: DWG No: REV:



DA - tree planting plan

L206

HUNTER RIVER HIGH SCHOOL UPGRADE

TREE SCHEDULE - DA					
ID	QTY	Botanical Name	Common Name	H x W	Pot Size
SUPPLEMENTARY OFFSET TREES					
ER	4	Eucalyptus robusta	Swamp Mahogany	30 x 15	45 L
CM	4	Corymbia maculata	Spotted Gum	20 x 15	45 L
FEATURE TREES					
AF	6	Agonis flexuosa	Willow Myrtle	10 x 10	45 L
BC	4	Backhousia citriodora	Lemon Scented Myrtle	10 x 5	45 L
BI	5	Banksia integrifolia	Coastal Banksia	10 x 4	45 L
BP	8	Brachychiton populneus	Bottle Tree	10 x 5	45 L
ML	4	Melaleuca linariifolia	Snow-In-Summer	8 x 4	45 L
MQ	25	Melaleuca quinquenervia	Paperbark	15 x 10	45 L
SF	5	Syzygium floribundum	Weeping Myrtle	10 x 5	45 L

- LEGEND
- BOUNDARY

EXISTING TREES RETAINED

Refer Arborist report

OFFSET TREE PLANTING

Refer advanced tree planting plan

NEW FEATURE TREES

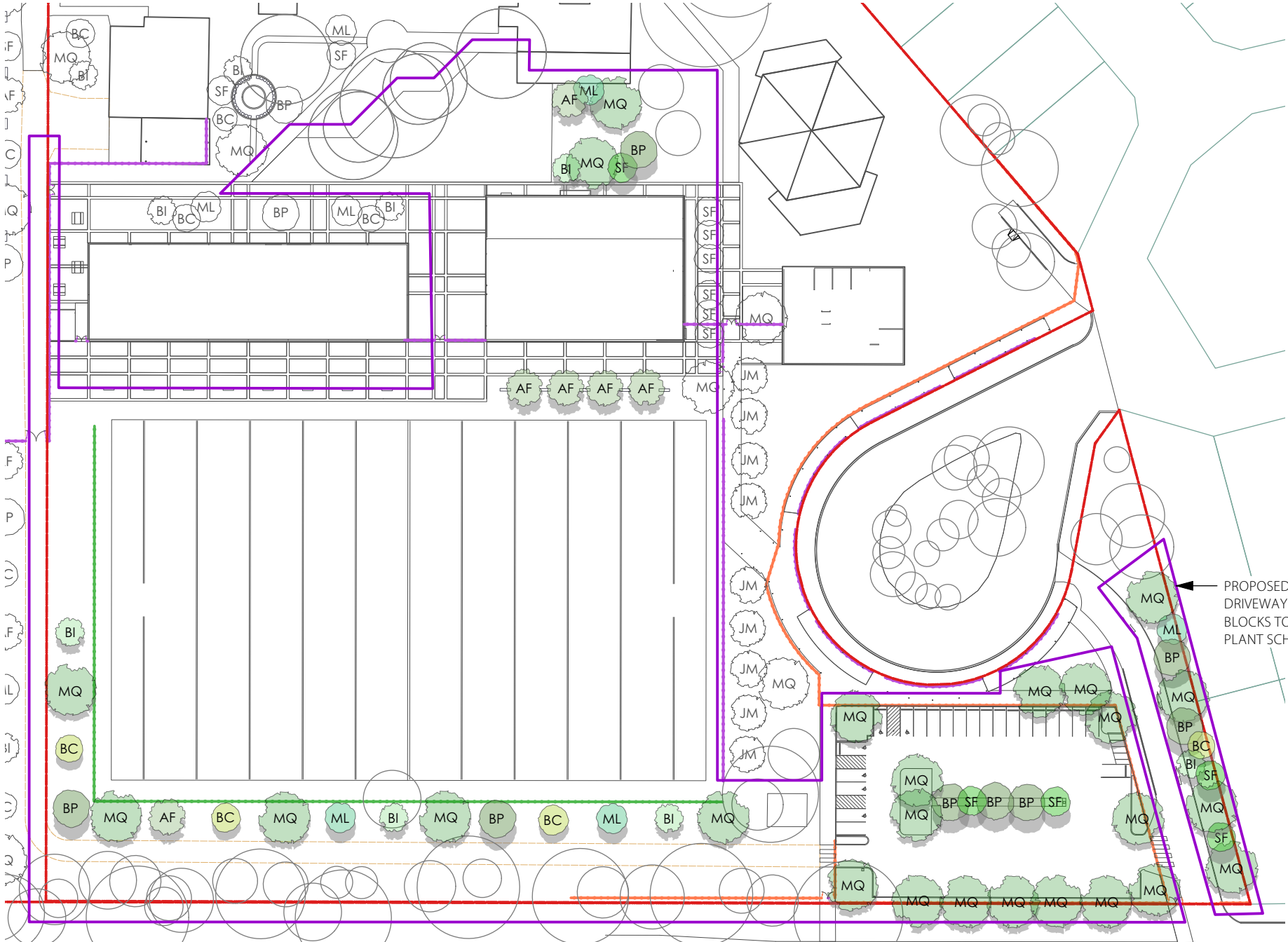
Refer advanced tree planting plan

1

OFFSET TREE PLANTING PLAN

L206

Scale: 1:1000



2

ORNAMENTAL TREE PLANTING PLAN

L206

Scale: 1:1000

E 8/9/23 tree notes revised

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JOB NUMBER: 14276.5 DA L206 E

PHASE: DWG No: REV:



DA - mass planting plan carpark

L207

HUNTER RIVER HIGH SCHOOL UPGRADE

PLANT SCHEDULE - DA				
ID	Qty	Botanical Name	Common Name	Pot Size
BaSp	8	Banksia spinulosa 'Birthday Candles'	Banksia Birthday Candles	200 mm
CaCi	22	Callistemon citrinus 'Little John'	Dwarf Bottlebrush	200 mm
CaAp	256	Carex appressa	Tall Sedge	140 mm
IsAn	79	Isopogon anemonifolius	Drumsticks	200 mm
LePo	73	Leptospermum polygalifolium	Tantoon	200 mm
LoLo	160	Lomandra longifolia 'Tanika'	Spiny-head mat rush	140 mm
MyPa	183	Myoporum parvifolium	Boobialla	150 mm
WeFr	21	Westringia fruticosa	Coastal Rosemary	200 mm



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