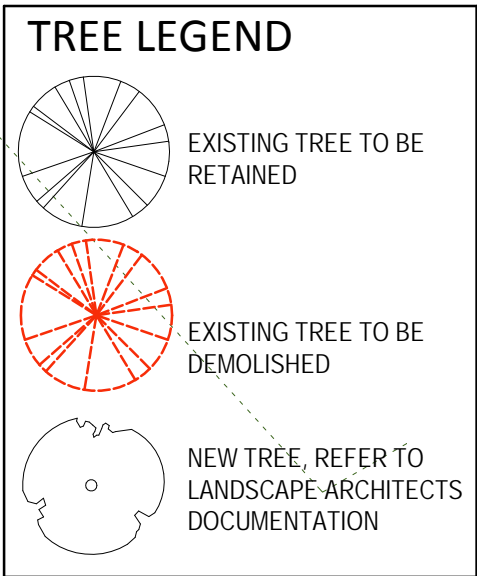
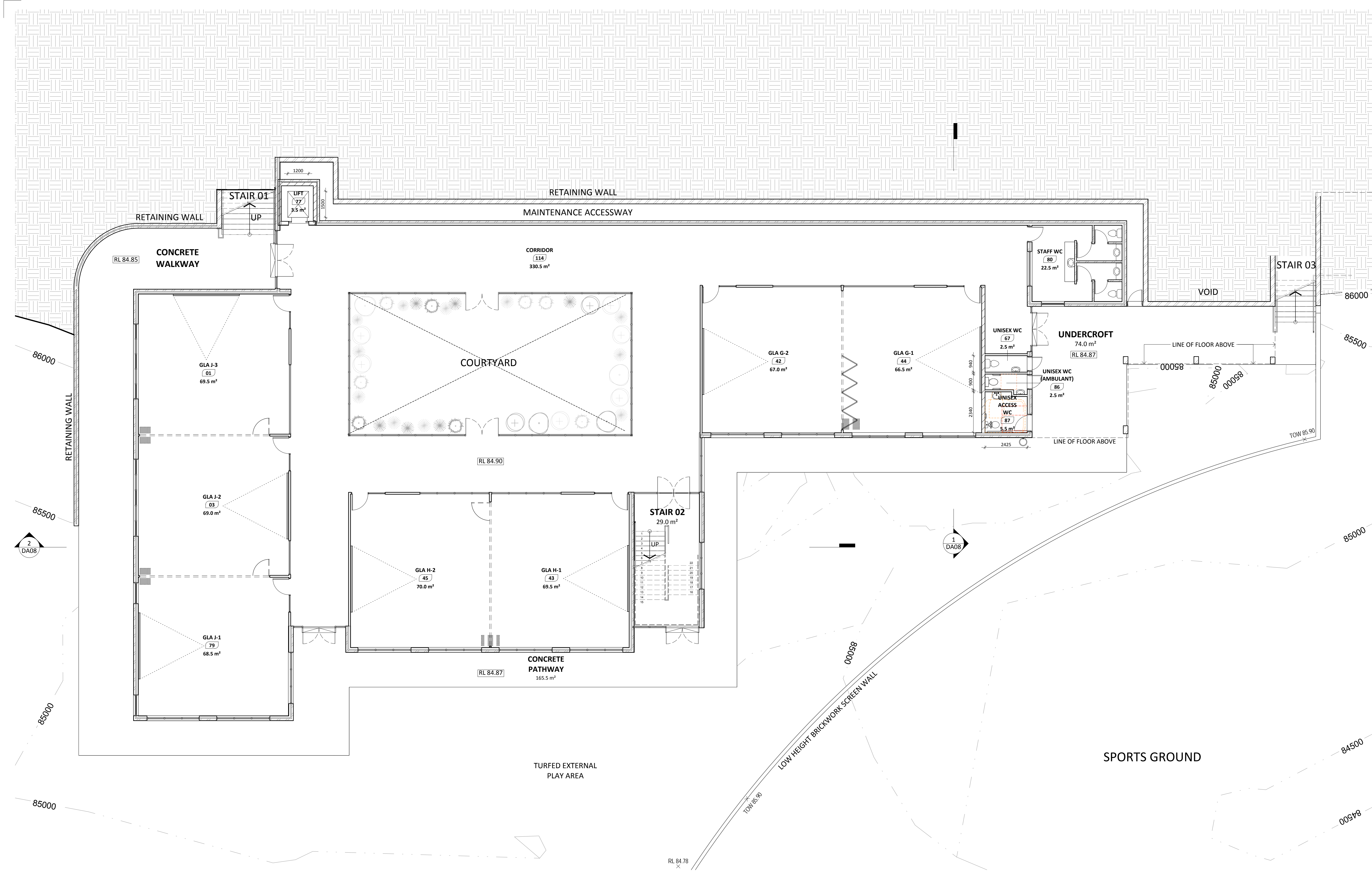




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Issue
A REVIEW FOR DA
B DA Documentation - Revised Windows
C client review
D REVISED PLANS CLIENT REVIEW
E revised plans client review
F APPROVED LAYOUT AND SCHEME
G CO-ORDINATION UPDATES
H DA ISSUE

Date
08.06.2017
15.06.2017
11.09.2017
20.09.2017
18.10.2017
02.11.2017
07.02.2018
23.05.2018

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Project

MAGDALENE CATHOLIC
HIGH SCHOOL NARELLAN,
NEW GLA FACILITIES

Client

TRUSTEES OF THE ROMAN
CATHOLIC CHURCH - DIOCESE
OF WOLLONGONG

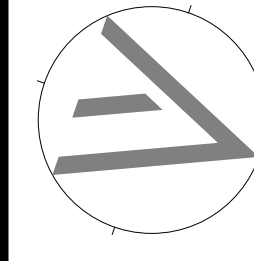
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SMEATON GRANGE ROAD NARELLAN NSW 2567



CATHOLIC EDUCATION
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PROPOSED LOWER GROUND FLOOR
PLAN

Project No.

17114

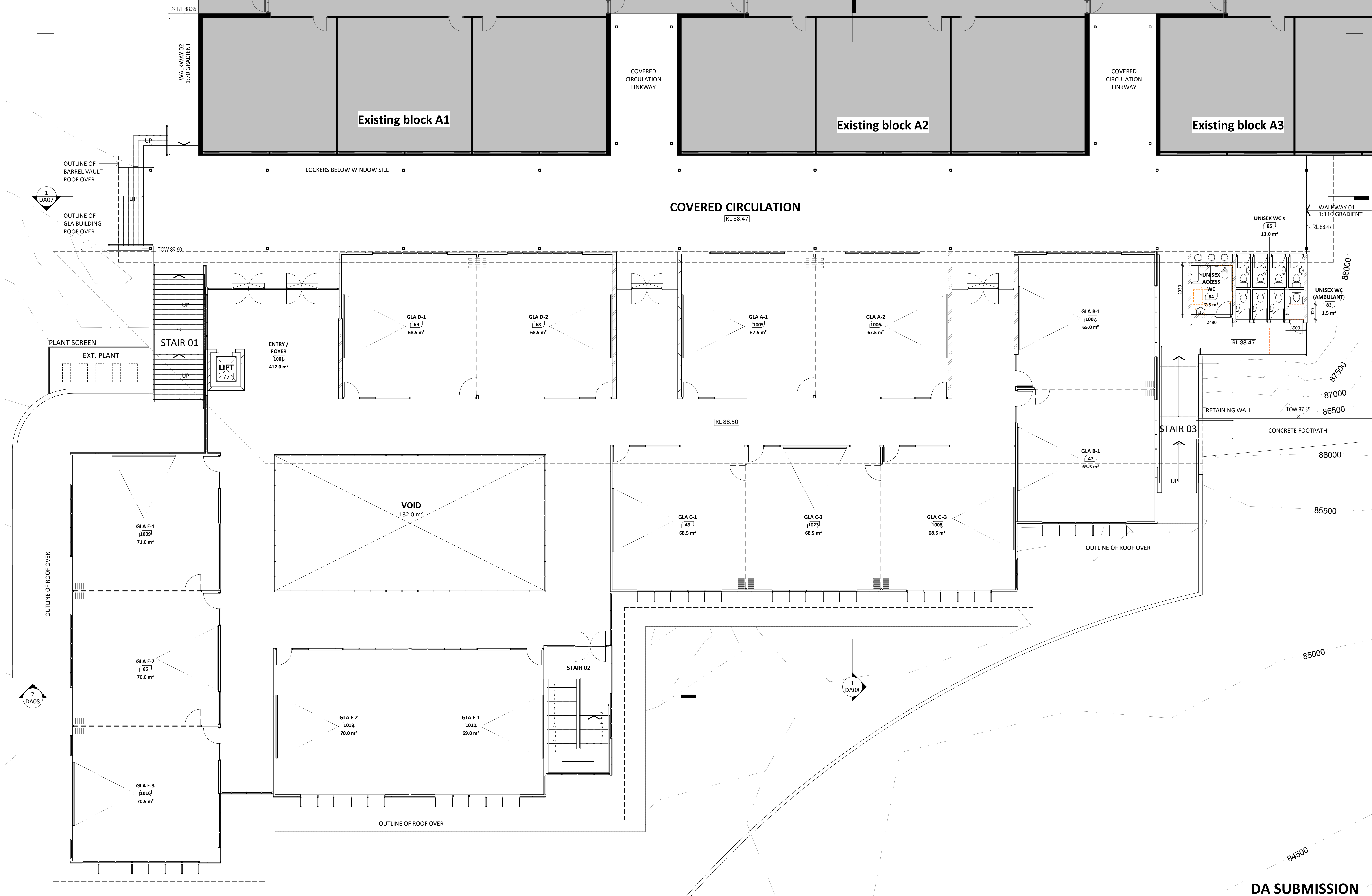
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DA ISSUE

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Project

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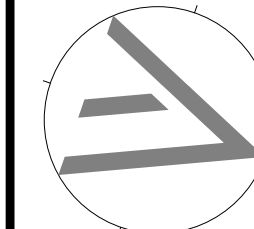
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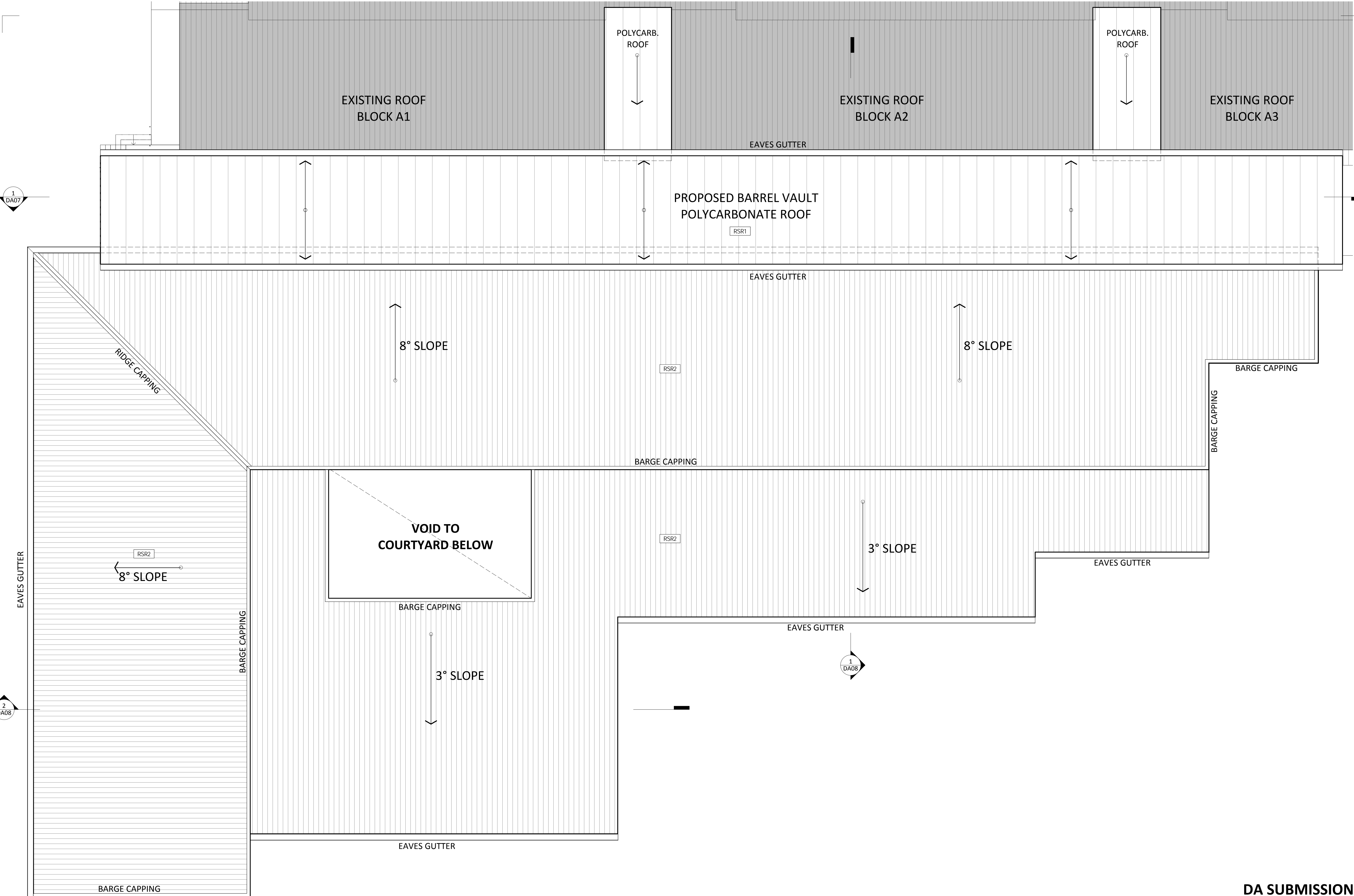
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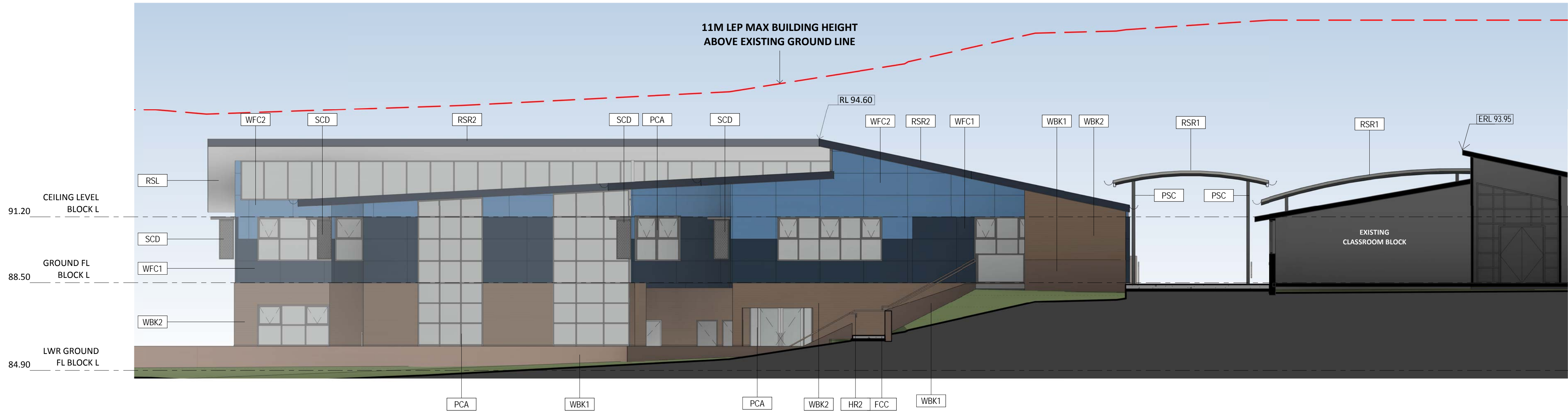
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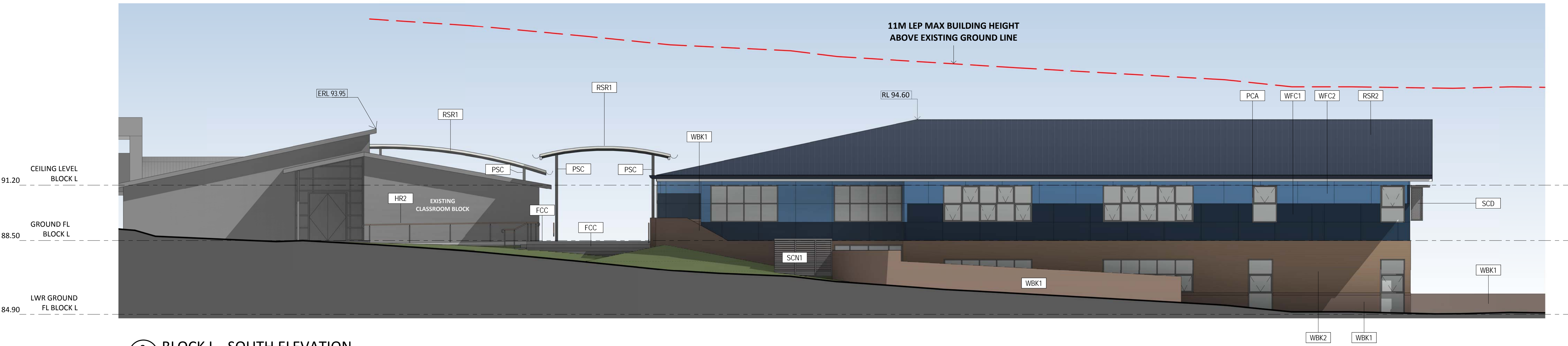




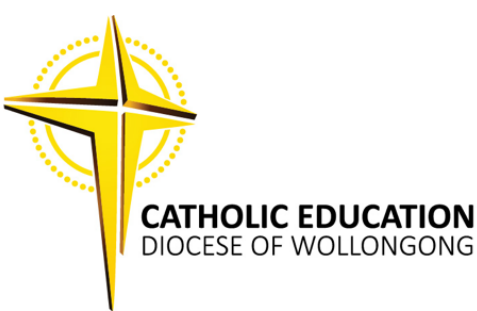
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SK02 1:100

MATERIALS LEGEND	
CODE	MATERIAL

FCC	CONCRETE PATHS
HR2	HANDRAIL TYPE 2
PCA	ALUMINIUM FRAME - POWDERCOATED
PSC	PAINTED STEEL COLUMN
RSL	SOFFIT LINING - PAINT FINISH
RSR1	SHEET ROOFING - TYPE 1
RSR2	SHEET ROOFING - TYPE 2
SCD	POWDERCOATED STEEL SUN CONTROL DEVICE
SCN1	PRE-FINISHED BATTEN SCREEN
WKB1	FACE BRICKWORK - TYPE 1
WKB2	FACE BRICKWORK - TYPE 2
WFC1	PAINTED FIBRE CEMENT - TYPE 1
WFC2	PAINTED FIBRE CEMENT - TYPE 2



2 BLOCK L - SOUTH ELEVATION
SK01a 1:100



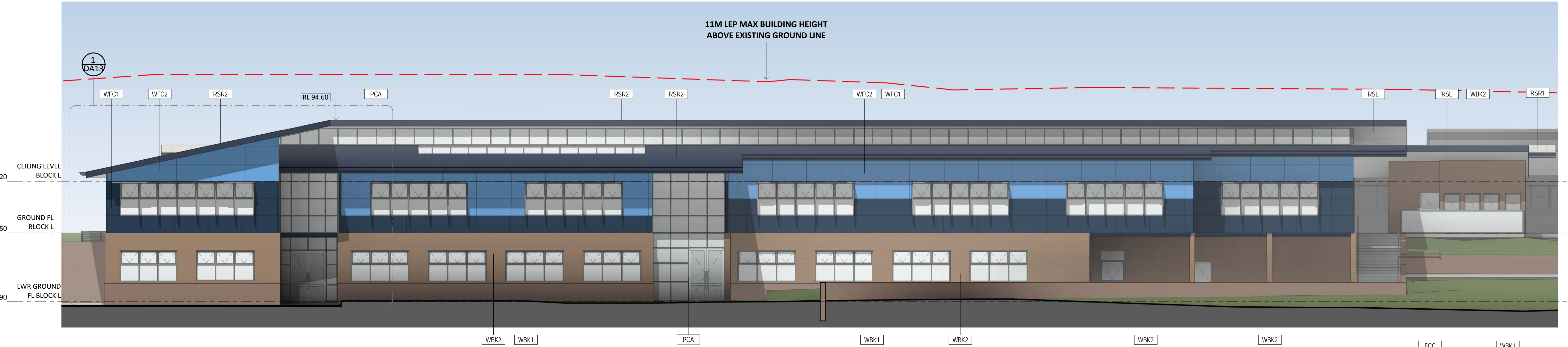


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DA04

BLOCK L - WEST ELEVATION
1 : 100

MATERIALS LEGEND	
CODE	MATERIAL

FCC	CONCRETE PATHS
HR2	HANDRAIL TYPE 2
PCA	ALUMINIUM FRAME - POWDERCOATED
PSC	PAINTED STEEL COLUMN
RSL	SOFFIT LINING - PAINT FINISH
RSR1	SHEET ROOFING - TYPE 1
RSR2	SHEET ROOFING - TYPE 2
SCD	POWDERCOATED STEEL SUN CONTROL DEVICE
SCN1	PRE-FINISHED BATTEN SCREEN
WBK1	FACE BRICKWORK - TYPE 1
WBK2	FACE BRICKWORK - TYPE 2
WFC1	PAINTED FIBRE CEMENT - TYPE 1
WFC2	PAINTED FIBRE CEMENT - TYPE 2



2
SK02

BLOCK L - EAST ELEVATION
1 : 100

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Purpose of issue
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**MAGDALENE CATHOLIC
HIGH SCHOOL NARELLAN,
NEW GLA FACILITIES**

Client

**TRUSTEES OF THE ROMAN
CATHOLIC CHURCH - DIOCESE
OF WOLLONGONG**

Address

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CATHOLIC EDUCATION
DIOCESE OF WOLLONGONG

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ELEVATIONS - SHEET 2

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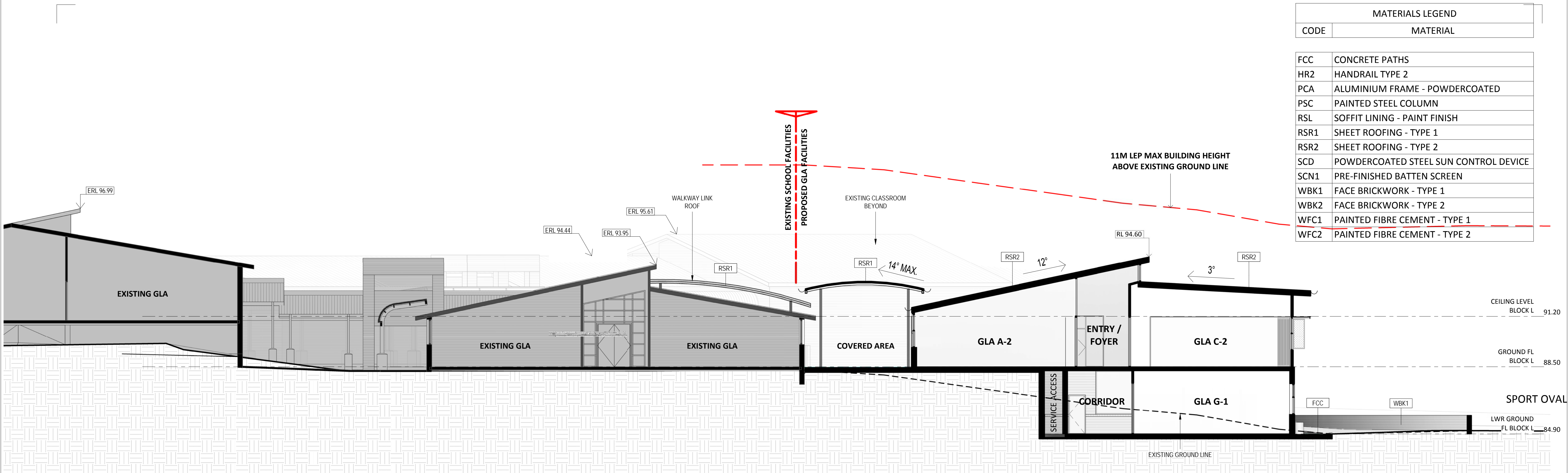
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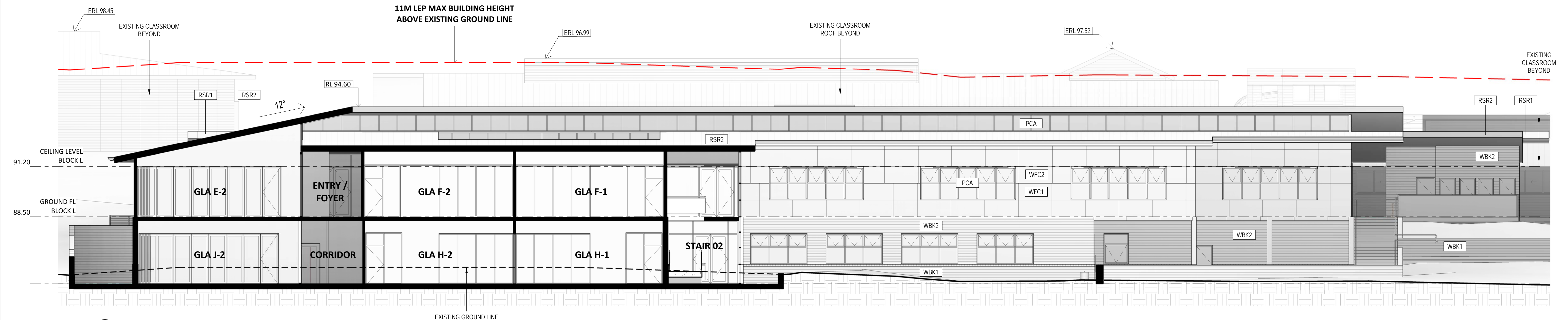
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1 EAST-WEST SECTION
1 : 100



2 NORTH-SOUTH SECTION
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**TRUSTEES OF THE ROMAN
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DIOCESE OF WOLLONGONG**

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SECTIONS

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17114

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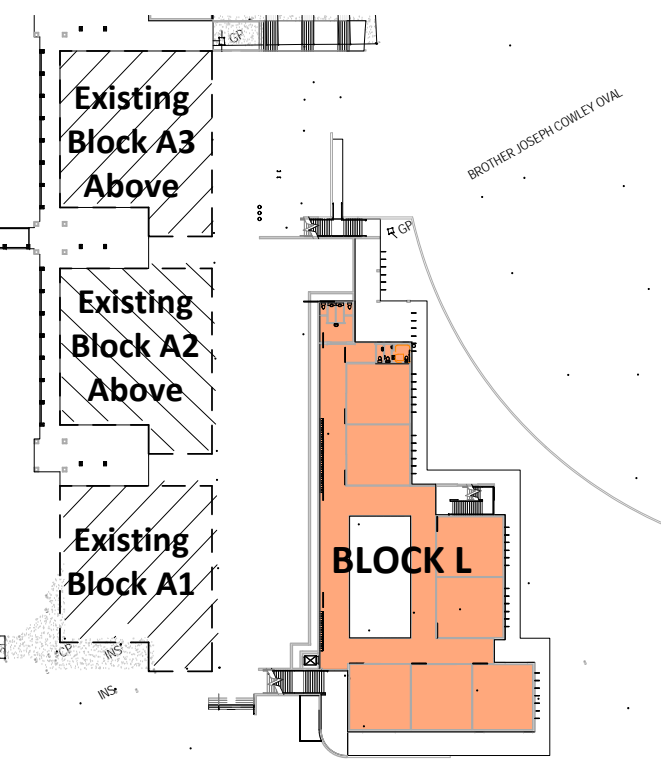
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1 GFA - GROUND FLOOR LEVEL
1 : 1000

SITE FSR CALCULATION

SITE AREA	102,426m ²
EXISTING SCHOOL (GROUND FLOOR)	8,593m ²
PROPOSED (GROUND FLOOR)	1,472m ²
PROPOSED(LOWER GROUND FLOOR)	891m ²
TOTAL	10,956m ²
FSR RATIO	1: 0.107



2 GFA - LOWER GROUND FLOOR LEVEL
1 : 1000

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Issue
A
Purpose of Issue
DA ISSUE

Date
23.05.2018

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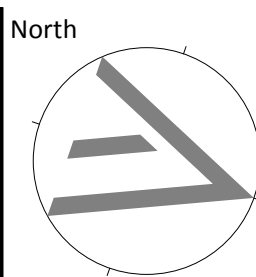
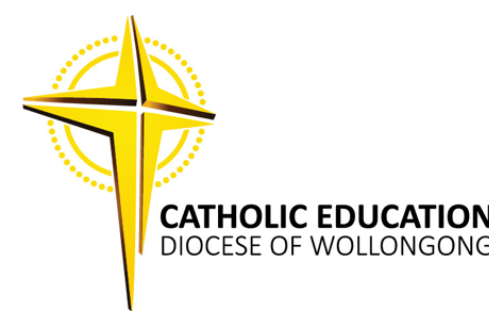
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GFA FLOOR PLAN CALCULATIONS

Project No.

17114

Sheet No.

DA09

Rev. No.

A



2 Northern View
1:1



4 View from building to open field
1:1

NOTE:
ARTIST'S IMPRESSIONS SOME PLANTING OMITTED FOR
CLARITY, REFER TO LANDSCAPE ARCHITECTS DOCUMENTATION



1 View from open field
1:1

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Issue
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B
Purpose of Issue
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DA ISSUE

Date
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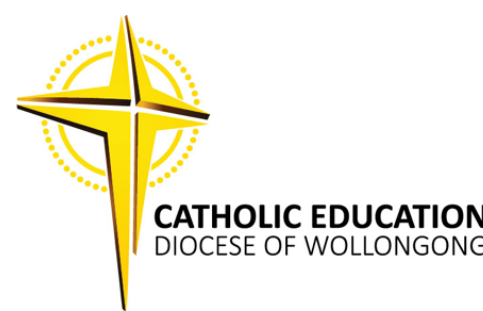
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Address

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North

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PERSPECTIVES

Project No.

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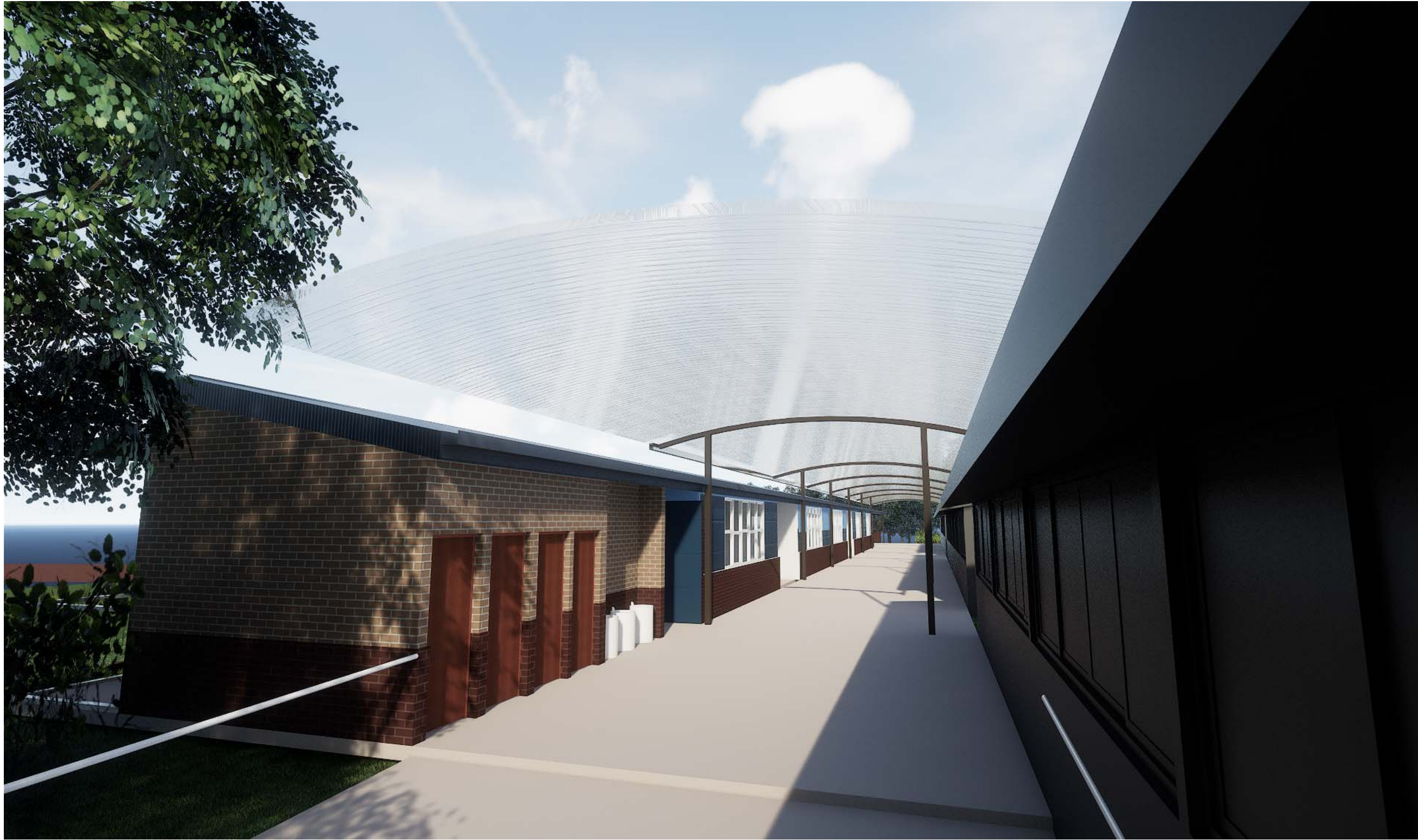
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DA11

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B

DA SUBMISSION



NOTE:
ARTIST'S IMPRESSIONS SOME PLANTING OMITTED FOR
CLARITY, REFER TO LANDSCAPE ARCHITECTS DOCUMENTATION

1 VIEW THROUGH COVERED WAY
1:1



2 Eastern Perspective
1:1

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Issue
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DA ISSUE

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PERSPECTIVES

Project No.

17114

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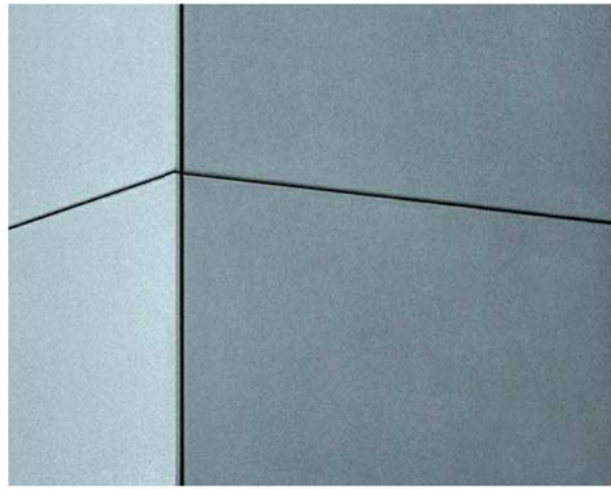
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DA SUBMISSION



1 EAST ELEVATION DETAIL
DA07 1:50



WFC1 & WFC2:
PAINTED EXPRESS JOINTED FC CLADDING



BK-2:
SELECT FACE BRICKWORK



BK-1
SELECT FACE BRICKWORK



RSR2:
COLORBOND ROOF SHEETING



RSR1:
TRANSLUCENT POLYCARBONATE ROOF



SCD:
METAL SUNSHADES



SCN1
PREFINISHED BATTEN SCREEN

MATERIALS LEGEND	
CODE	MATERIAL
FCC	CONCRETE PATHS
HR2	HANDRAIL TYPE 2
PCA	ALUMINIUM FRAME - POWDERCOATED
PSC	PAINTED STEEL COLUMN
RSL	SOFFIT LINING - PAINT FINISH
RSR1	SHEET ROOFING - TYPE 1
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WBK1	FACE BRICKWORK - TYPE 1
WBK2	FACE BRICKWORK - TYPE 2
WFC1	PAINTED FIBRE CEMENT - TYPE 1
WFC2	PAINTED FIBRE CEMENT - TYPE 2

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MATERIALS PALETTE

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Project No.
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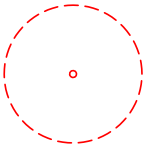
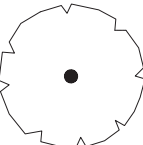
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LEGEND

-  EXISTING TREE TO BE REMOVED
-  EXISTING TREE TO BE RETAINED AND PROTECTED IN ACCORDANCE WITH TREE PROTECTION REQUIREMENTS

EXISTING TREE SCHEDULE

ID	BOTANIC NAME	COMMON NAME	PROPOSED ACTION
1	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
2	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
3	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
4	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
5	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
6	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
7	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
8	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
9	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
10	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
11	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
12	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
13	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
14	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
15	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
16	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
17	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
18	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
19	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
20	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Remove
21	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Retain
22	<i>Fraxinus 'Raywoodii'</i>	Claret Ash	Retain

NOTE:
1. This Existing Tree Schedule has been prepared based on the information provided by Horticultural Management Service in their Tree Inspection Report and Management Recommendations dated 12th January 2018.

EXISTING TREE PLAN



PROPOSED PLANT PALETTE

1 PROPOSED EXOTIC GARDEN BED



Star Jasmine
(*Trachelospermum asiaticum*)
Low exotic groundcover
Quantity: TBC (150mm pot)
Planting Density: 2/m²



Liriope Isabella®
Exotic grass
Quantity: TBC (150mm pot)
Planting Density: 5/m²



Nandina 'Lemon Lime'
Exotic shrub to 1.4m
Quantity: TBC (200mm pot)
Planting Density: 5/m²



Indian Hawthorn
(*Rhaphiolepis 'Oriental Pearl'*)
Exotic shrub to 1.5m
Quantity: TBC (200mm pot)
Planting Density: 3/m²

2 PROPOSED EXOTIC GARDEN BED



Tricolour Star Jasmine
(*Trachelospermum 'tricolour'*)
Exotic crawling groundcover
Quantity: TBC (150mm pot)
Planting Density: 3/m²



Liriope Isabella®
Exotic grass
Quantity: TBC (150mm pot)
Planting Density: 5/m²



Liriope 'Pink Pearl'™
Small exotic grass
Quantity: TBC (150mm pot)
Planting Density: 10/m²



Nandina 'Lemon Lime'
Exotic shrub to 1.4m
Quantity: TBC (200mm pot)
Planting Density: 5/m²



Rosemary
(*Rosmarinus officinalis*)
Exotic shrub to 1.5m
Quantity: TBC (200mm pot)
Planting Density: 5/m²



Indian Hawthorn
(*Rhaphiolepis 'Oriental Pearl'*)
Exotic shrub to 1.5m
Quantity: TBC (200mm pot)
Planting Density: 3/m²

3 PROPOSED NATIVE GARDEN BED



Brushbox
(*Lophostemon confertus*)
Large native evergreen tree
Quantity: 4 (100L bag)



Myoporum 'Yareena'
Native spreading groundcover
Quantity: TBC (150mm pot)
Planting Density: 2/m²



Cushion Bush
(*Leucophyta brownii*)
Native shrub to 1m
Quantity: TBC (200mm pot)
Planting Density: 3/m²



Lilly Pilly variety
(*Syzygium 'Hobbit'*)
Native screening shrub to 1.5m
Quantity: TBC (300mm pot)
Planting Density: 4/m²



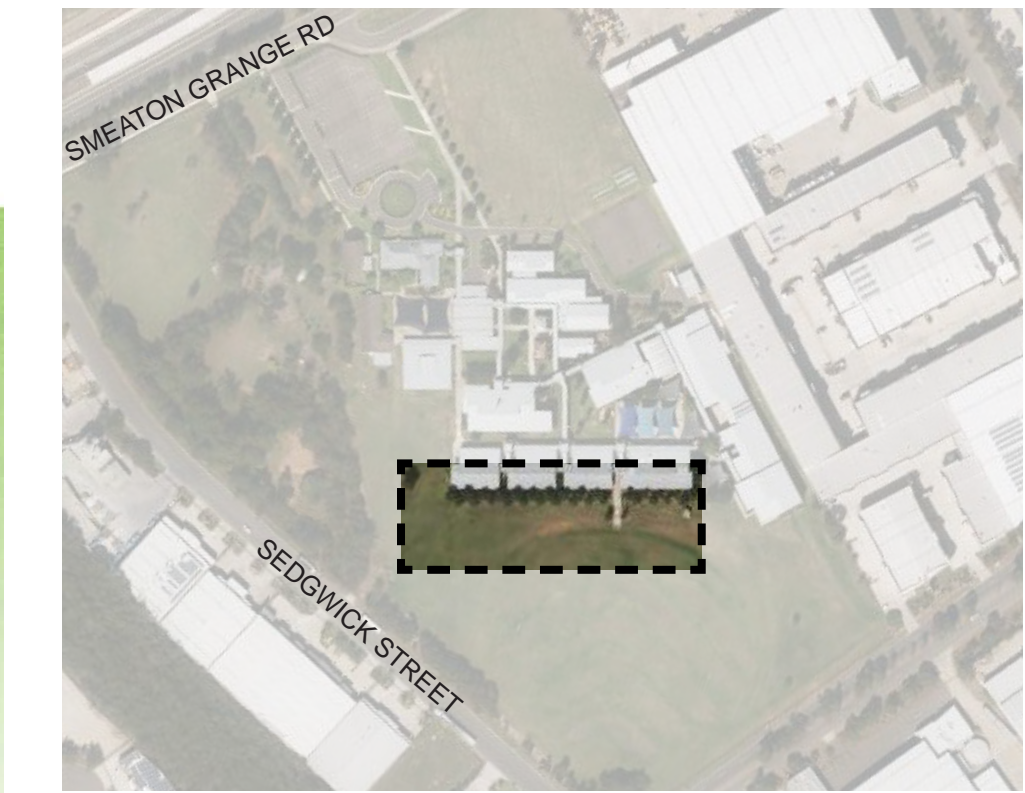
Dianella tasmanica 'TAS 100'
Native groundcover to 0.35m
Quantity: TBC (150mm pot)
Planting Density: 6/m²

4 SEATING



Indicative courtyard seating as supplied by Quatro Design
Subject to future details

KEY PLAN



LEGEND

- TOW 89.60 PROPOSED TOP OF WALL LEVEL
- EX 87.00 EXISTING SPOT LEVEL
- RL 88.47 PROPOSED SPOT LEVEL
- FFL 84.90 FINISHED FLOOR LEVEL
- PROPOSED SEATING
- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO BE RETAINED
- PROPOSED TREES

TREES / FEATURE TREES / HEDGING



Claret Ash
(*Fraxinus oxycarpa 'Raywoodii'*)
Large exotic deciduous feature tree
Quantity: 5 (100L bag)



Plane Tree
(*Platanus orientalis*)
Large exotic deciduous feature tree
Quantity: 1 (200L bag)

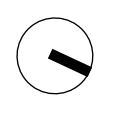


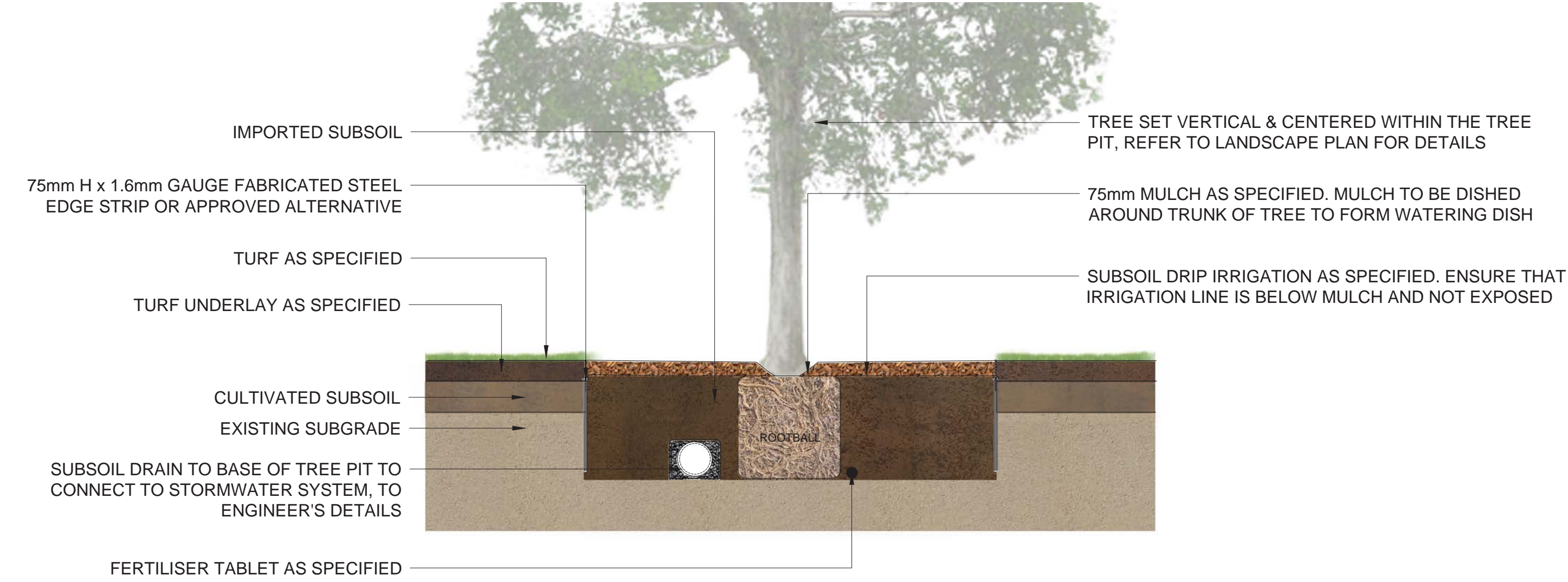
Water Gum 'Luscious'
(*Tristanopsis laurina*)
Medium native evergreen feature tree
Quantity: 4 (100L bag)



Japanese Box
(*Buxus microphylla*)
Exotic shrub to 0.7m
Quantity: TBC (200mm pot)
Planting Density: 2/m²

LANDSCAPE MASTERPLAN

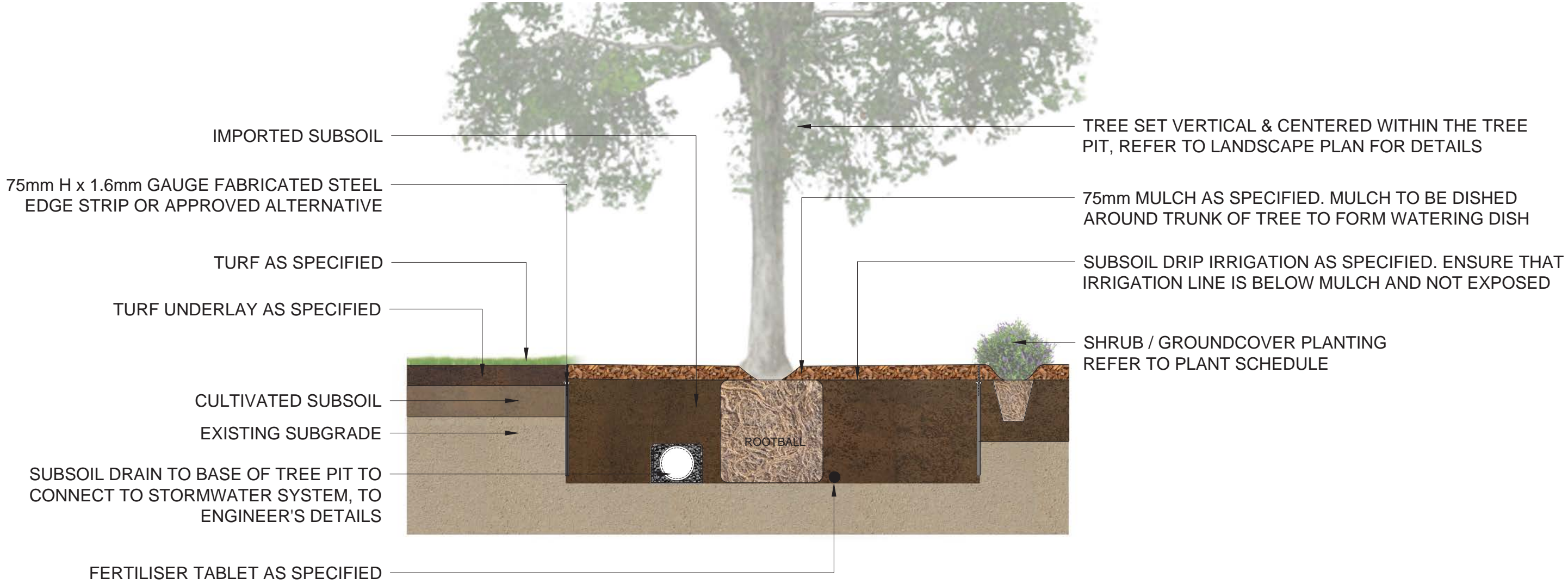




- NOTE:**
- ENSURE PLANTS ARE WATERED THOROUGHLY PRIOR TO PLANTING AND IMMEDIATELY FOLLOWING PLANTING.
 - ALL EXISTING WEEDS AND GRASS OF EACH TREE IS TO BE POISONED WITH 'ROUND-UP' (OR EQUAL) PRIOR TO PLANTING.

1 TREE PLANTING IN TURF

SCALE 1:20 @ A1



2 TYPICAL GARDEN BED PLANTING IN NATURAL GROUND

SCALE 1:20 @ A1

OUTLINE LANDSCAPE SPECIFICATION

General
Maintenance shall mean the care and maintenance of the landscape works by accepted horticultural practice as rectifying any defects that become apparent in the landscape works under normal use. The Landscape Contractor shall attend the site on a weekly basis to maintain the landscape works for the full term approved at CC stage of the maintenance period (commencing from practical completion).

Rubbish Removal
During the term of the maintenance period the Landscape Contractor shall undertake rubbish removal from the site on a weekly basis to ensure the site remains in tidy condition.

Weed Eradication
Weed growth that may occur in, planted or mulched areas is to be removed using environmentally acceptable methods i.e. non-residual glyphosate herbicide, (e.g. 'Roundup', applied in accordance with the manufacturer's directions) or hand weeding.

Tree Replacement
Trees shall show signs of healthy vigorous growth and be free from disease and not exhibit signs of stress prior to handover to the client. Any trees or plant that die or fail to thrive, or are damaged or stolen will be replaced. Replacement material shall have the maintenance period extended in accordance with the landscape contract conditions. Trees and plant materials shall be equal to the minimum requirements of species specified and approved material delivered to site. Should the condition decline from the approved sample the Superintendent reserves the right to reject the tree / plants.
Frequency: as required.

Pruning
Selective pruning may be required during the establishment period to promote a balanced canopy structure. These activities shall be carried out to the best horticultural and industry practice. All pruned material is to be removed from site.

Irrigation
A low volume drip irrigation system may be installed at the discretion of the Developer. Position of control box, solenoids and irrigation conduits to be designed by qualified irrigation engineer at CC stage
Controllers shall be mounted on a stable wall, power rack, or formed and constructed concrete based pedestal mount. Performance specification to be provided by Landscape Architect, nominally 25mm delivered to plant areas each week during establishment (depending on weather conditions). After establishment, irrigation rates can be decreased in certain areas of the landscape depending on the species.

Watering
Implement an appropriate hand watering regime in areas not irrigated in association with current watering programme to maintain plant health and vigour. The program shall reflect seasonal conditions and plant species.
Frequency: Weekly or as required.

Drainage
All landscape areas are to have positive drainage to SW systems. If areas of poor drainage are identified on site then this should be brought to the site superintendents attention. Install agg lines if required.

Soils
Garden Beds
The Landscape Contractor shall supply and install 'Organic Garden Mix', as supplied by ANL, to a depth of 300mm to all garden beds as shown on the landscape plans.

Cultivation
All garden beds to be cultivated to a min depth of 150mm and tree pits to the depth of the root ball only. If additives such as gypsum are required conduct this after cultivation into the top 100mm of soil.

Planting
All planting to be grown to NATSPEC specifications. Contractor to prepare site for planting including watering, handling, setting out and excavation. Excavate a hole for each plant large enough to provide not less than 100mm all around the root system of the plant. For tree planting each hole shall be dug with a shovel, backhoe or similar tool. Individual holes shall be excavated to allow root system to sit flat on the excavated hole and 400mm to each side of the root system. Backfill planting holes with existing site soil and topsoil as described in section 'Soil', plant / Tree shall be set plumb, with the root ball set slightly below the final soil level.

Mulching
The Landscape Contractor shall supply and install 10mm Pine Bark Mulch to all garden beds shown on the landscape plans, to a minimum depth of 75mm. All mulch is to be free of deleterious matter such as soil, weeds and sticks. Mulched surfaces are to be kept clean and tidy and free of any deleterious material and foreign matter. Reinststate depths to a uniform level of 75mm with mulch as specified, mulch to be free of any wood material impregnated with CCA or similar toxic treatment. Maintain watering rings around trees. Top up mulch levels prior to handover to client.

Turfing (Natural)
The Landscape Contractor shall supply and install Sapphire Buffalo turf in stretcher pattern to all turf areas shown on the landscape plans and is to finish flush with adjacent surfaces. Turf to be a min thickness of 50mm with a 40mm mowing height. Contractor to allow for fertilising, laying, tamping, watering, top dressing, maintenance and mowing. The landscape contractor shall supply and install turf underlay under all turf areas, consisting of 100mm thick layer of screened top soil.

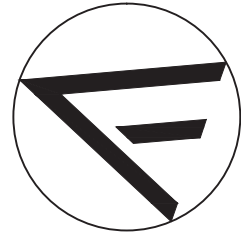
Turfing (Synthetic)
The Landscape Contractor shall supply and install synthetic turf in the courtyard shown on the Landscape Plan. The synthetic turf is to finish flush with adjacent surfaces and is to maintain a steel garden edge where it meets adjacent garden beds. The Landscape Contractor is to allow for the use of drainage cell and in-situ polyurethane underlay to provide cushioning and positive drainage of the courtyard to the site's stormwater system.

Pest and Disease Control
The Landscape Contractor shall spray for pests and disease infestations when the pest and fungal attack has been positively identified and when their populations have increased to a point that will become detrimental to plant growth. Apply all pesticides to manufacturer's directions.
Frequency: weekly inspection

Fertilising
Pellets shall be in the form intended to uniformly release plant food elements for a period of approximately nine months equal to Shirleys KOKEI pellets, analysis 6.3:1.8:2.9 or similar approved. KOKEI pellets shall be placed at the time of planting to the base of the plant, 50mm minimum from the root ball at a rate of two pellets per 300mm of top growth to a maximum of 8 pellets per tree. Generally check for signs of nutrient deficiencies (yellowing of leaves, failure to thrive), and adapt fertiliser regime to suit. Fertiliser should be applied at the beginning and the end of the (summer) growing season.

NOTE: ALL PIPING SHOWN
THUS FOR CLARITY ONLY.
ALLOW TO CO-ORDINATE
FINAL LOCATION OF ALL
PIPING ON SITE

North



NOTE
ALL WEATHER ACCESS
ROAD FOR FIRE BRIGADE
VEHICLE REQUIRED FROM
GATE TO THIS AREA

connect new
drainage to
existing grated pit.

extend as shown on
ground floor plan.

new
fire
hydrant

new
fire
hydrant

exist.
fire
hydrant

BLOCK L

Existing
Block A3

Existing
Block A2

Existing
Block A1

Existing
Block F

Existing
Block B

Court
yard

REV	DATE	NOTATION/AMENDMENT
C	MAY 18	COORDINATION
B	FEB 18	COORDINATION
A	JAN 18	COORDINATION

DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE.
FIGURED DIMENSIONS TAKE PRECEDENCE.

PROJECT ARCHITECT

ALLEANZA
ARCHITECTURE

LEVEL 1
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HAYMARKET NSW 2000

PROJECT ENGINEER

ABEL & BROWN PTY. LTD.


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A&B
CIVIL
HYDRAULIC
FIRE

CLIENT:

TRUSTEES OF THE ROMAN
CATHOLIC CHURCH - DIOCESE
OF WOLLONGONG

Address
SMEATON GRANGE ROAD NARELLAN NSW 2567

**CATHOLIC EDUCATION**
DIOCESE OF WOLLONGONG

PROJECT:

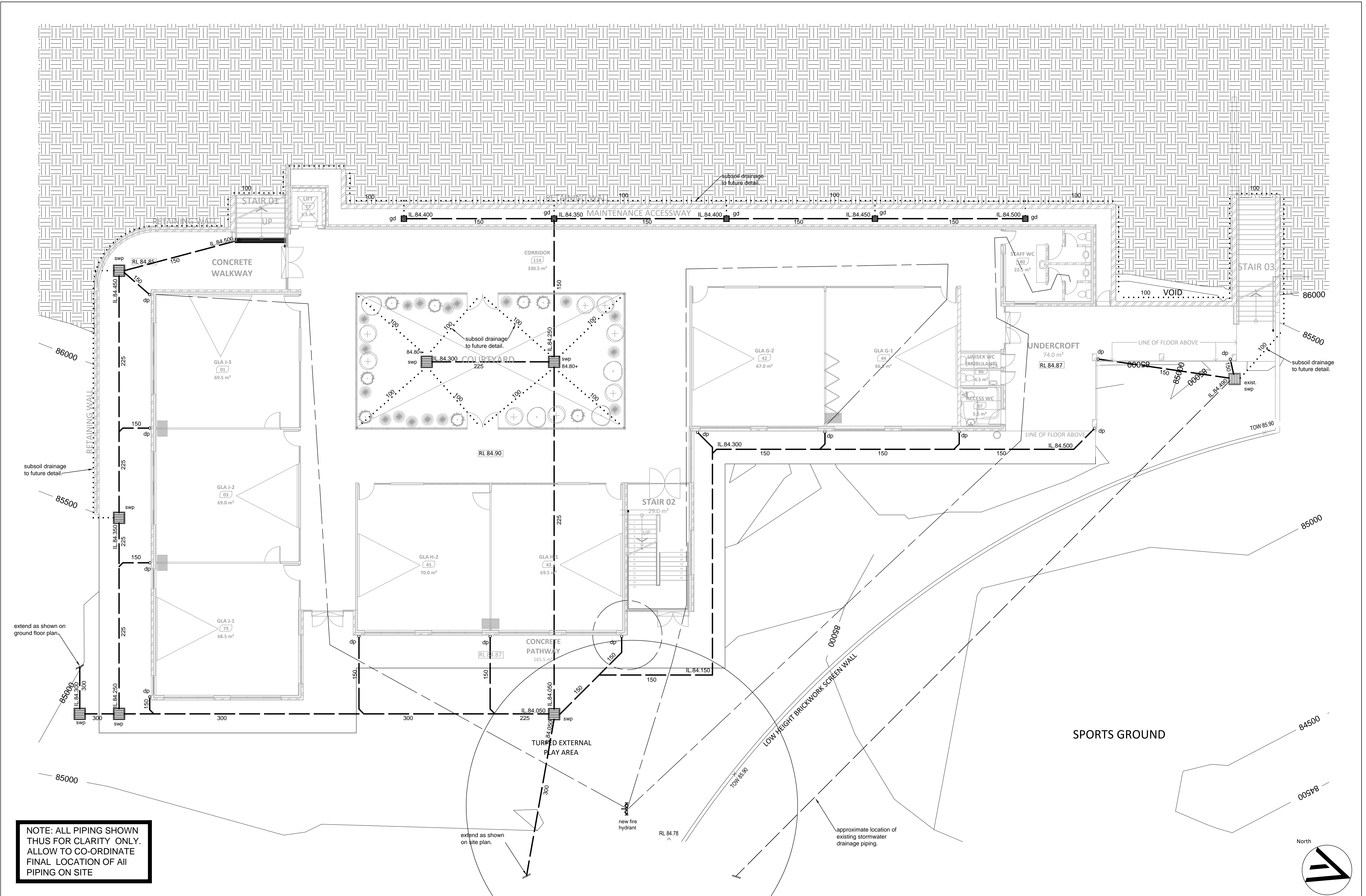
MAGDALENE CATHOLIC HIGH SCHOOL,
NARRELLAN
NEW GLA FACILITIES




TITLE:

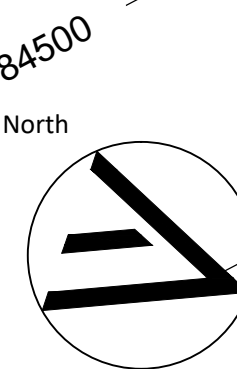
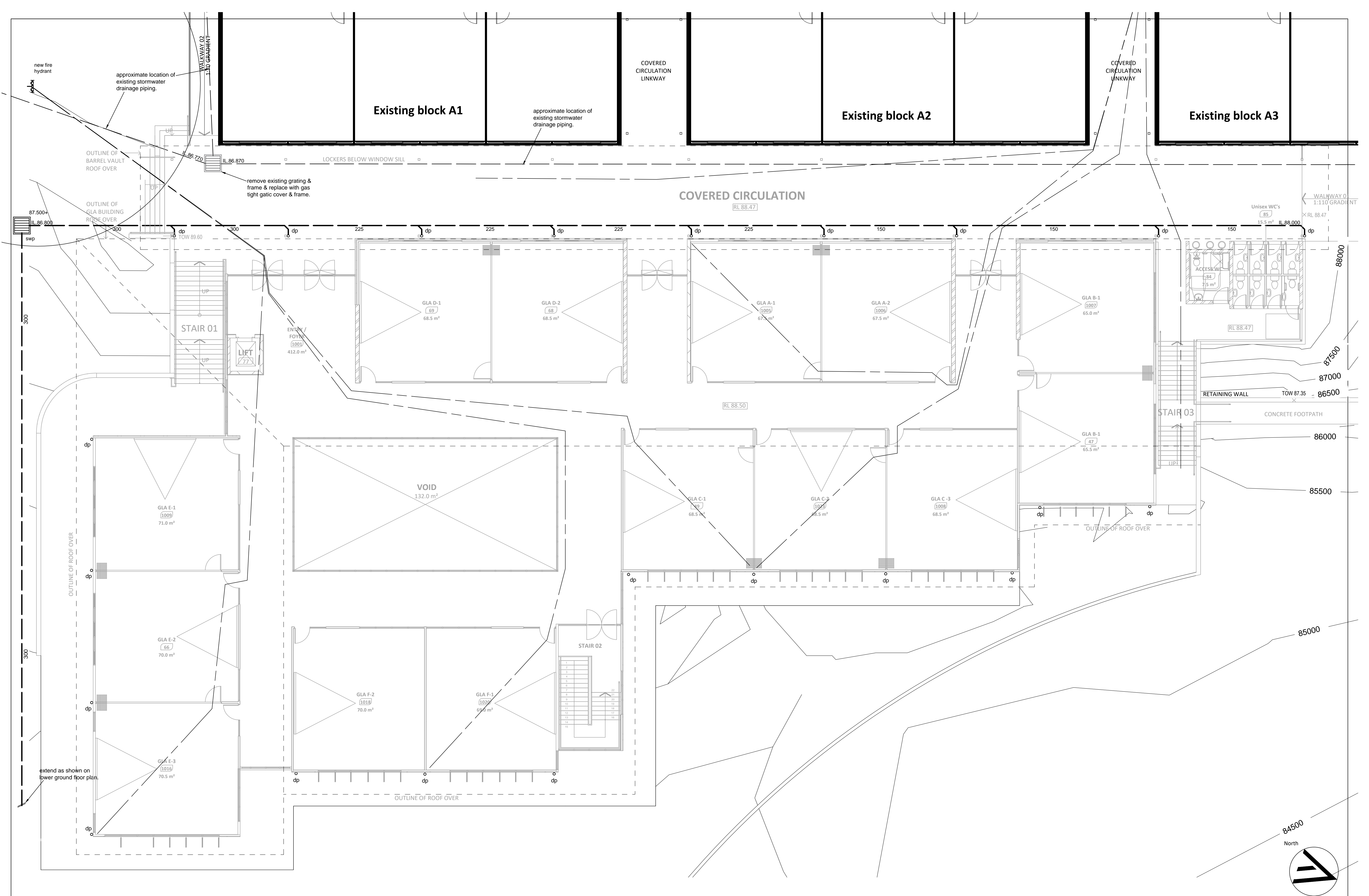
**STORMWATER CONCEPT PLAN
PART SITE PLAN**

FILE: PLOTTED:

STATUS:		COORDINATION	
DATE:	SCALE:	PROJ:	2818
JAN 18	1:250@A1		
NO IN SET:	DRAWN:	CHECKED:	APPROVED:
6	SB	RB	NB
SHEET:		REV:	
H-02		C	



			PROJECT ARCHITECT		PROJECT ENGINEER		CLIENT:		PROJECT:		TITLE:		STATUS:							
C	MAY 18	COORDINATION							MAGDALENE CATHOLIC HIGH SCHOOL, NARRELLAN NEW GLA FACILITIES		STORMWATER CONCEPT PLAN LOWER GROUND FLOOR		COORDINATION							
B	FEB. 18	COORDINATION											DATE: JAN 18		SCALE: 1:100@A1		PROJ: 2818			
A	JAN. 18	COORDINATION											NO IN SET: 6		DRAWN: SB		CHECKED: RB		APPROVED: NB	
REV	DATE	NOTATION/AMENDMENT	LEVEL 1 695-699 GEORGE STREET HAYMARKET NSW 2000		23 WARUNG STREET, YAGOONA, NSW 2199 T: 9709-5705 FAX: 9796-2272 E - mail@abelandbrown.com.au W - www.abelandbrown.com.au		Address SMEATON GRANGE ROAD NARELLAN NSW 2567				FILE:		PLOTTED:		SHEET:		H-03		REV: C	
DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE. FIGURED DIMENSIONS TAKE PRECEDENCE.																				



REV	DATE	NOTATION/AMENDMENT
C	MAY 18	COORDINATION
B	FEB.18	COORDINATION
A	JAN.18	COORDINATION

DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE.
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PROJECT ARCHITECT

ALLEANZA
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PROJECT ENGINEER

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TRUSTEES OF THE ROMAN
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OF WOLLONGONG

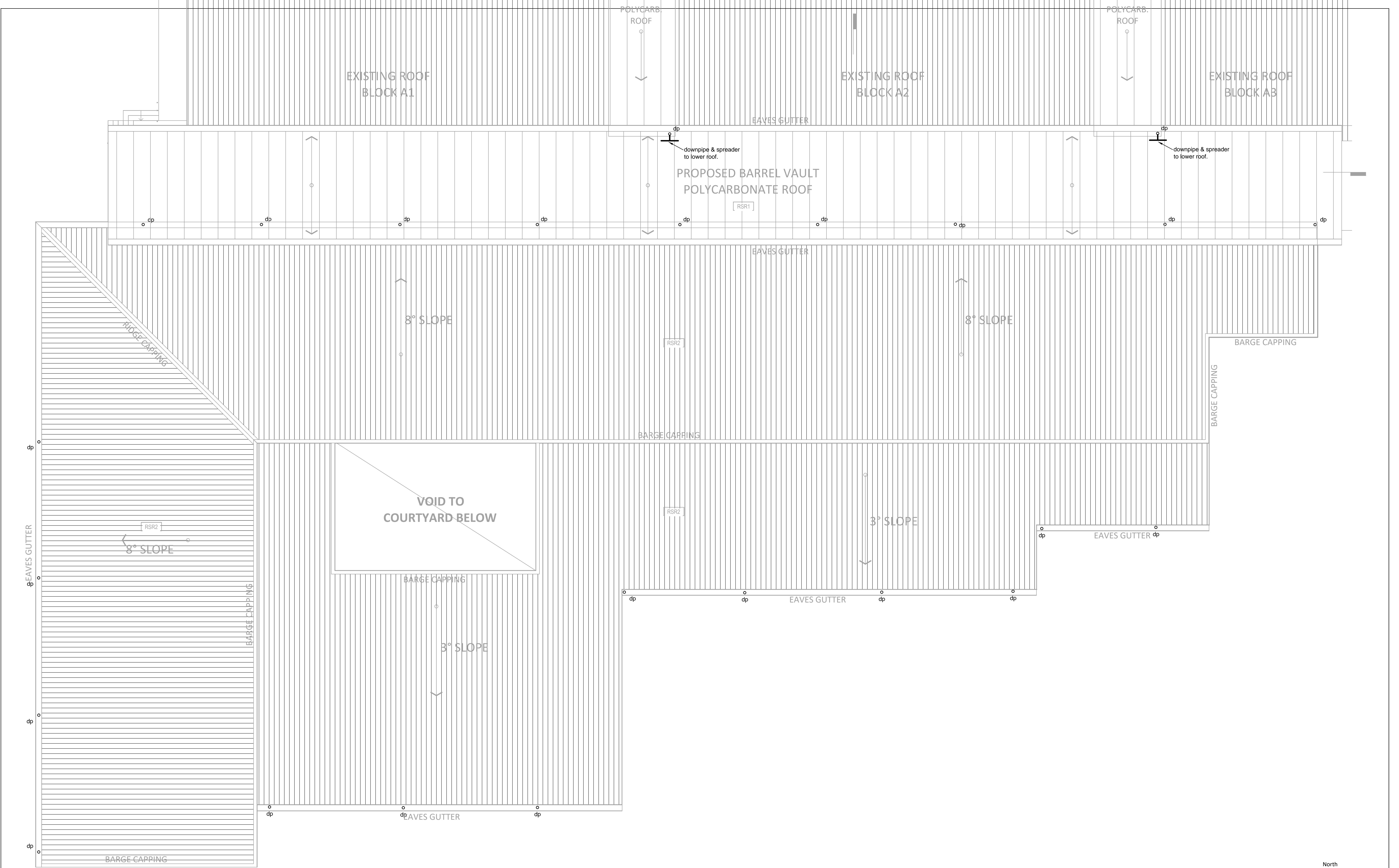
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SMEATON GRANGE ROAD NARELLAN NSW 2567

 **CATHOLIC EDUCATION**
DIOCESE OF WOLLONGONG

PROJECT:

MAGDALENE CATHOLIC HIGH SCHOOL,
NARRELLAN
NEW GLA FACILITIES

TITLE:		STATUS:	
STORMWATER CONCEPT PLAN GROUND FLOOR PLAN		COORDINATION	
DATE:	SCALE:	PROJ:	
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6	SB	RB	NB
FILE:	PLOTTED:	SHEET:	REV:
		H-04	C



REV	DATE	NOTATION/AMENDMENT
C	MAY 18	COORDINATION
B	FEB.18	COORDINATION
A	JAN.18	COORDINATION
DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE. FIGURED DIMENSIONS TAKE PRECEDENCE.		

PROJECT ARCHITECT

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CLIENT:

TRUSTEES OF THE ROMAN CATHOLIC CHURCH - DIOCESE OF WOLLONGONG

Address
SMEATON GRANGE ROAD NARELLAN NSW 2567

CATHOLIC EDUCATION
DIOCESE OF WOLLONGONG

PROJECT:

MAGDALENE CATHOLIC HIGH SCHOOL, NARRELLAN
NEW GLA FACILITIES

TITLE:

STORMWATER CONCEPT PLAN
ROOF PLAN

STATUS: COORDINATION

DATE: JAN 18
NO IN SET: 6

SCALE: 1:100@A1
DRAWN: SB

PROJ: 2818
CHECKED: RB
APPROVED: NB

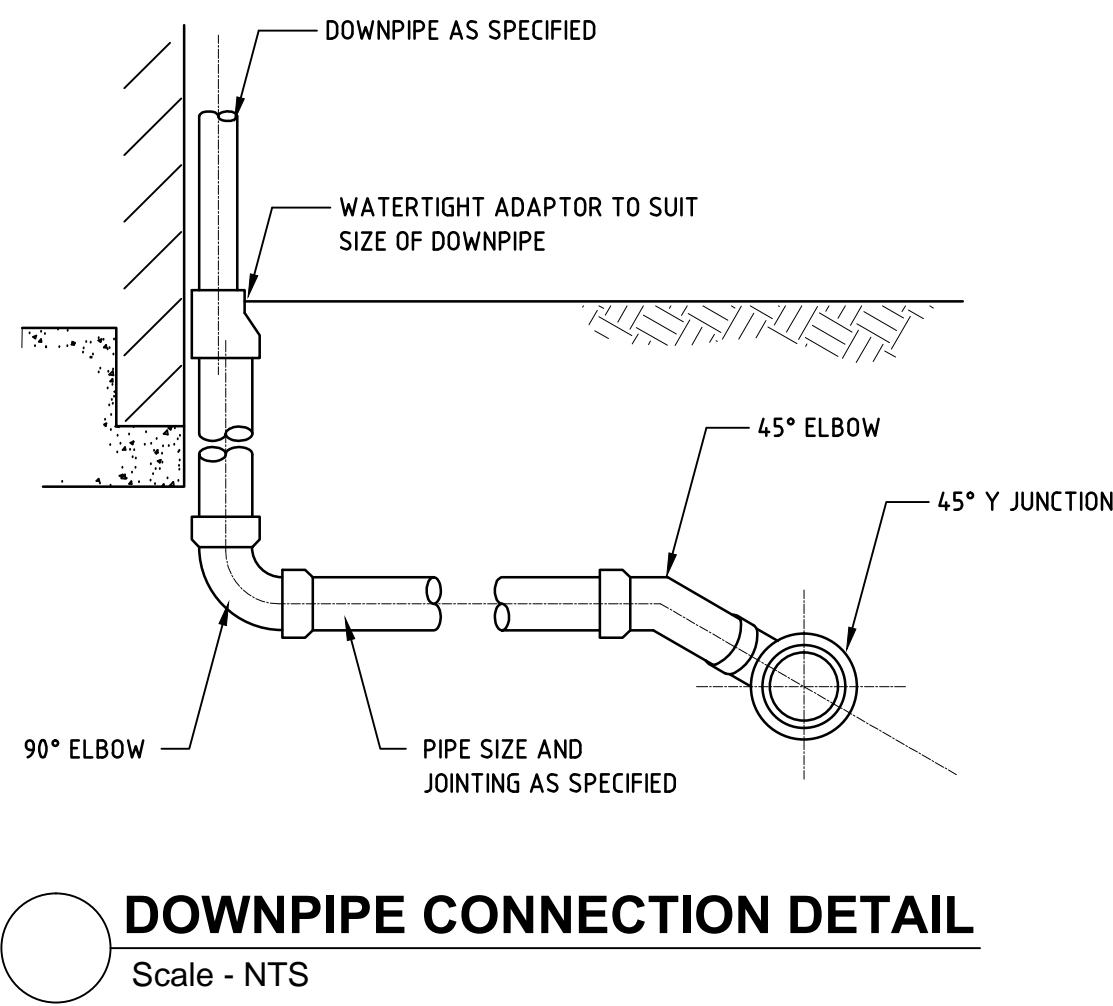
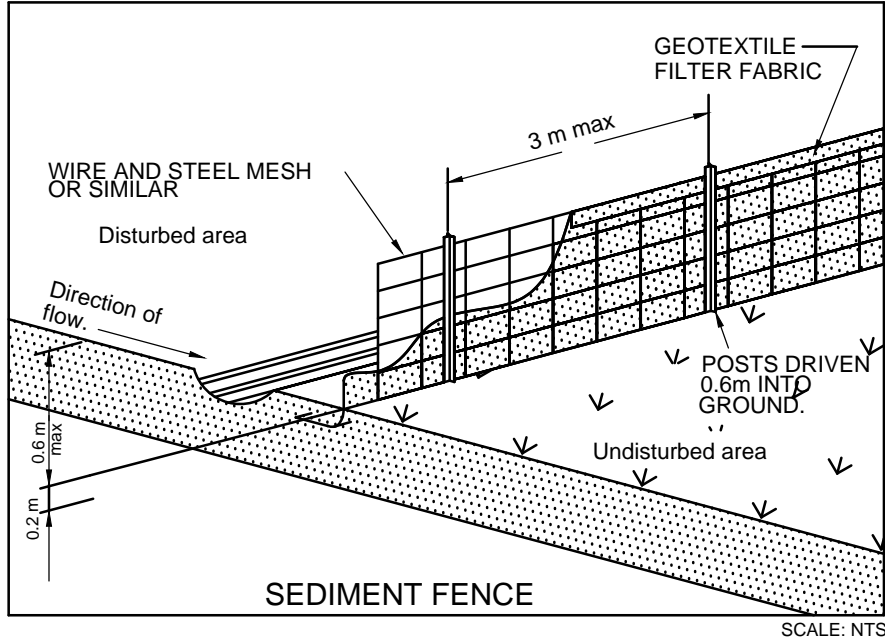
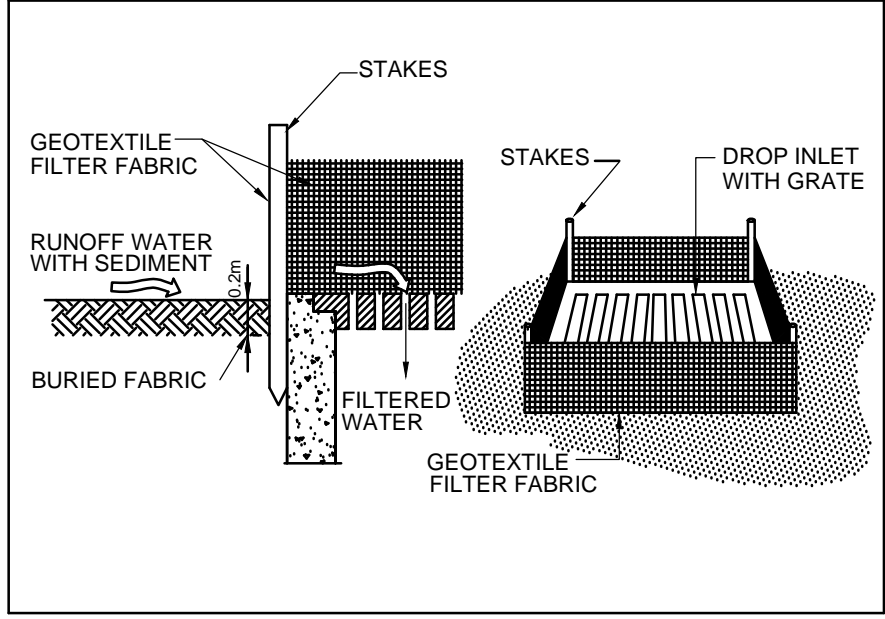
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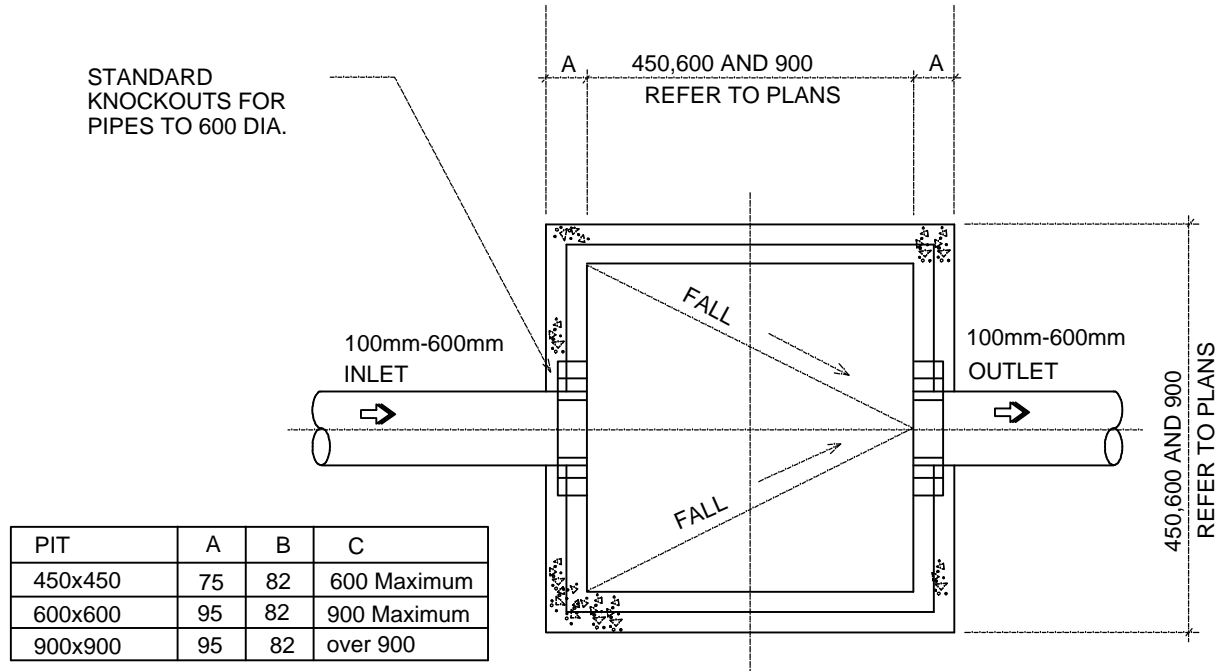


1. The contractor shall implement all soil erosion and sediment control measures relating to a particular upstream catchment prior to stripping of topsoil from that catchment. Where it is necessary to undertake stripping in order to construct a sediment control device only sufficient ground shall be stripped to allow construction.
2. All soil erosion and sediment control measures shall be constructed and maintained as indicated on these drawings. Location and extent of soil and water management devices is diagrammatic only.
3. Conformity with this plan shall in no way reduce the responsibility of the contractor to protect against water damage during the course of the contract. It shall be the contractors responsibility to ensure that any necessary control is in place even though such control may not be shown on the plan.
4. The contractor shall inform all subcontractors and all employees of their responsibility in minimising the potential for soil erosion and pollution to downstream areas.
5. The contractor shall regularly maintain sediment and erosion control structures and desilt such structures prior to the reduction in capacity of 30% due to accumulated silt. The sediment shall be disposed of on site in a manner approved by the Camden Council Erosion and Sediment Control Policy.
6. Topsoil and spoil shall be stockpiled in non hazard areas and protected from surface runoff by diversion drains or similar. Stockpiles shall be surrounded on downstream sides by silt fencing. Stockpiles shall be suitable compacted to inhibit erosion. Where the stockpiling period exceeds four(4) weeks, the stockpile shall be seeded to encourage vegetation growth.
7. Topsoil shall be respread and stabilised as soon as possible.
8. The contractor shall temporarily rehabilitate within 40 days any disturbed areas. Where final shaping has occurred the contractor shall provide final rehabilitation within 20 days.
9. The contractor shall provide a turf strip behind all kerb and gutter at completion of footpath formation.
10. The contractor shall maintain gross cover until all works have been completed, including the maintenance period, by frequent watering and mowing where required. Plant machinery and vehicles shall not be driven over grassed areas unless on an approved haulage route.
11. Seed mixtures and stabilisation procedures shall be in accordance with the NSW department of housing "Soil and water management for Urban Development ", January 1993 and construction specification.
12. The contractor shall provide inlet sediment traps at all pits during construction.
13. All drainage works shall be constructed and stabilised as quickly as possible to minimise risk of erosion.
14. Vehicular traffic shall be controlled during construction confining access where possible to proposed or existing road alignments plus 3 metres where necessary areas to be left undisturbed shall be marked off.
15. Site access shall be restricted to a nominated point. The construction of a shake down area may be required depending upon soil conditions.
16. The contractor shall maintain dust control throughout the duration of the project.

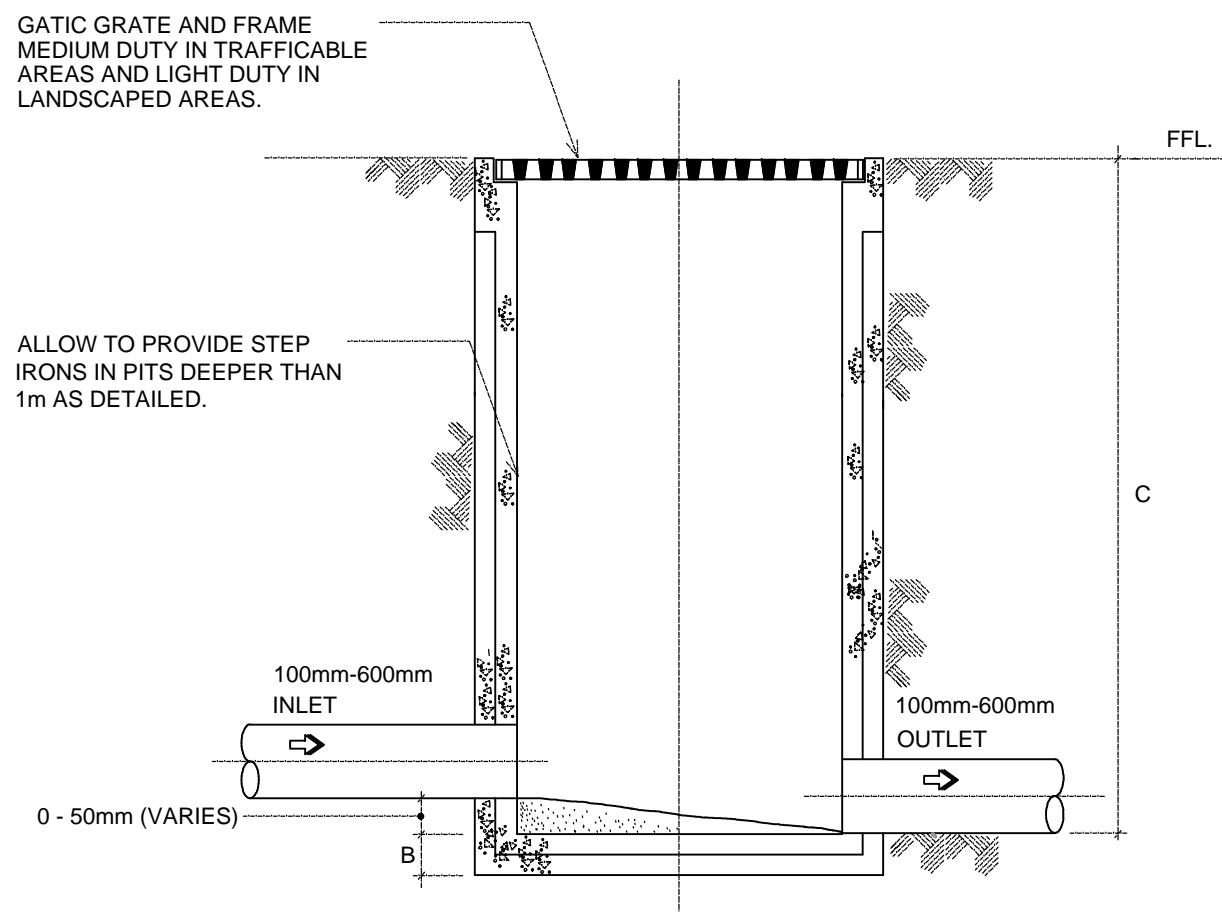
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Note
Hydraulic design plans to
be read in conjunction
with architectural plans

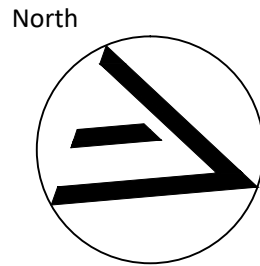


PLAN WITH COVER REMOVED
450,600 AND 900 SQ.
PRECAST CONCRETE STORMWATER SUMPS



SECTION ELEVATION
N.T.S.

Stormwater Pit Detail
Scale: nts



			PROJECT ARCHITECT		PROJECT ENGINEER		CLIENT:		PROJECT:		TITLE:		STATUS:	
			COORDINATION		COORDINATION		TRUSTEES OF THE ROMAN CATHOLIC CHURCH - DIOCESE OF WOLLONGONG		MAGDALENE CATHOLIC HIGH SCHOOL, NARRELLAN NEW GLA FACILITIES		STORMWATER CONCEPT PLAN DETAIL SHEET		COORDINATION	
			COORDINATION		COORDINATION		23 WARUNG STREET, YAGONNA, NSW 2199		CATHOLIC EDUCATION DIOCESE OF WOLLONGONG		DATE: JAN 18		DATE: JAN 18	
			COORDINATION		COORDINATION		T: 9709-5705 FAX: 9796-2272		CATHOLIC EDUCATION DIOCESE OF WOLLONGONG		SCALE: NTS@A1		SCALE: NTS@A1	
			COORDINATION		COORDINATION		E - mail @abelandbrown.com.au W - www.abelandbrown.com.au		CATHOLIC EDUCATION DIOCESE OF WOLLONGONG		PROJ: 2818		PROJ: 2818	
			COORDINATION		COORDINATION		Address SMEATON GRANGE ROAD NARELLAN NSW 2567		CATHOLIC EDUCATION DIOCESE OF WOLLONGONG		DRAWN: SB		DRAWN: SB	
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