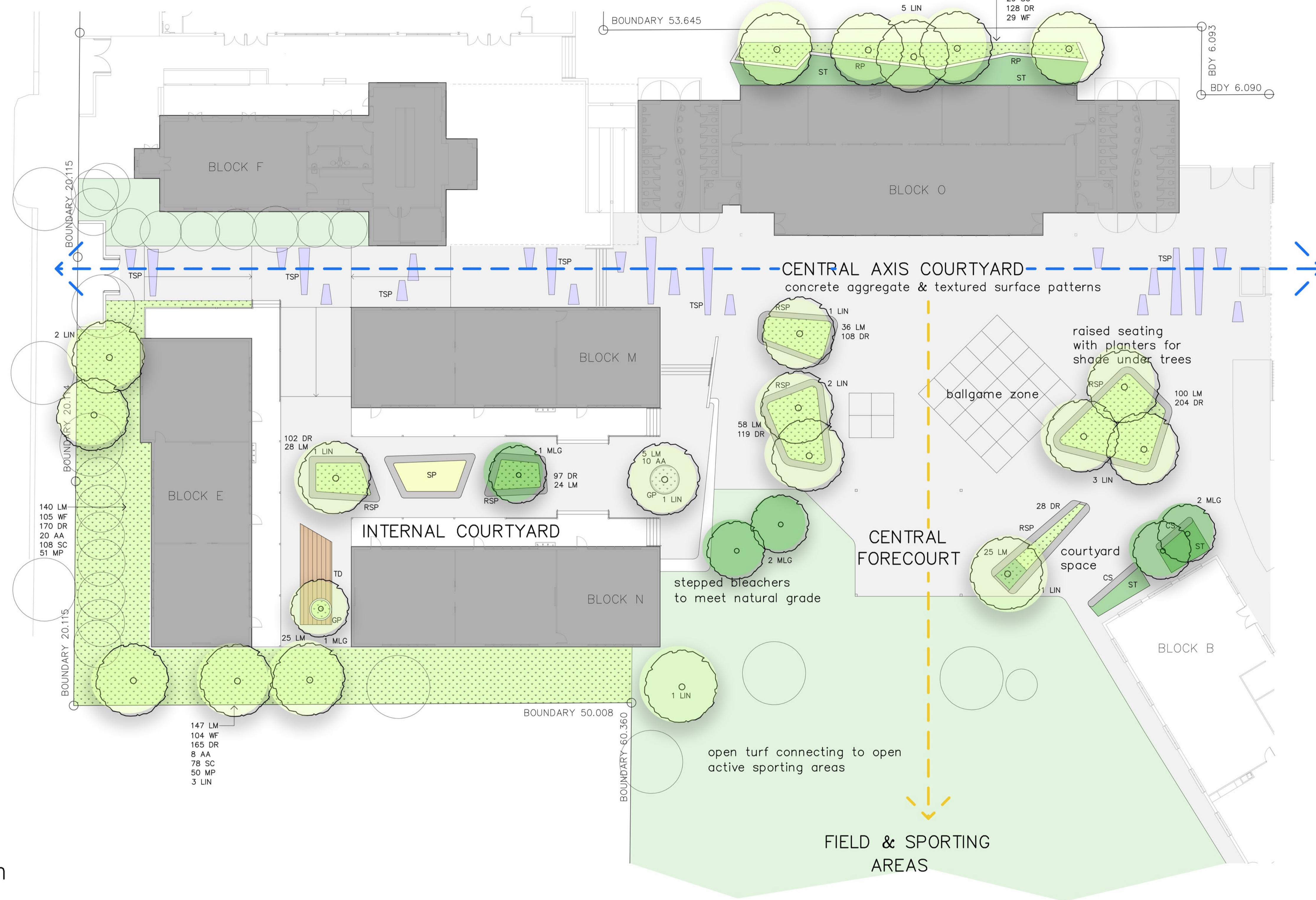


R O O Y A L S T R E E T

OUTDOOR CLASSROOMS
 small trees for screening & privacy
 decorative screen as backdrop to raised planter



LANDSCAPE LEGEND:

- CS CONCRETE FORMED SEATING
- GP CONCRETE FORMED GROUND PLANTER
- RP RAISED PLANTER
- RSP RAISED SEATING PLANTERS
- SP RAISED SANDPIT
- ST SYNTHETIC TURFING
- TD TIMBER DECKING
- TSP TEXTURED FLOOR SURFACE PATTERNS

TREE & PLANT LEGEND:

- LM BIG BLUE LILY TURF x 870
- DR WEDDING LILY x 1126
- MP CREEPING BOOBIALLA x 101
- WF COASTAL ROSEMARY x 239
- SC CASCADE SYZYGUM x 215
- AA DWARF LILYPILLY x 28
- LIN CREPE MYRTLE x 19
- MLG LITTLE GEM SOUTHERN MAGNOLIA x 5



site plan

**LANDSCAPE STRATEGY PLAN
 ALTERATIONS & ADDITIONS**

ST THERESE'S, NEW LAMBTON

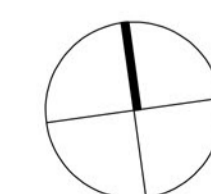
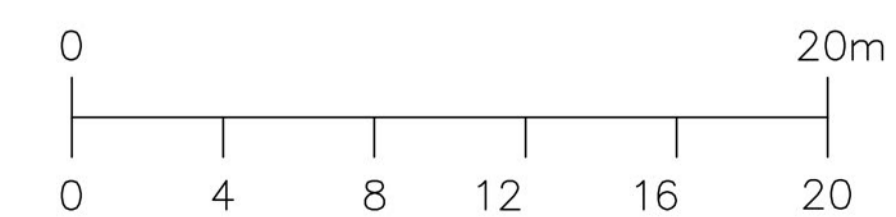
1033LP1

DATE: 12 SEPTEMBER 2018

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NOTES:

THIS LANDSCAPE PLAN IS AN AMENDED VERSION OF A LANDSCAPE STRATEGY PREPARED BY TERRAS LANDSCAPE ARCHITECTS FOR THIS PROJECT. DETAILED DOCUMENTS WILL BE PREPARED BY TERRAS LANDSCAPE ARCHITECTS PRIOR TO CONSTRUCTION.



**SHADDOCK
 ARCHITECTS**

ALTERATIONS & ADDITIONS TO PRIMARY SCHOOL

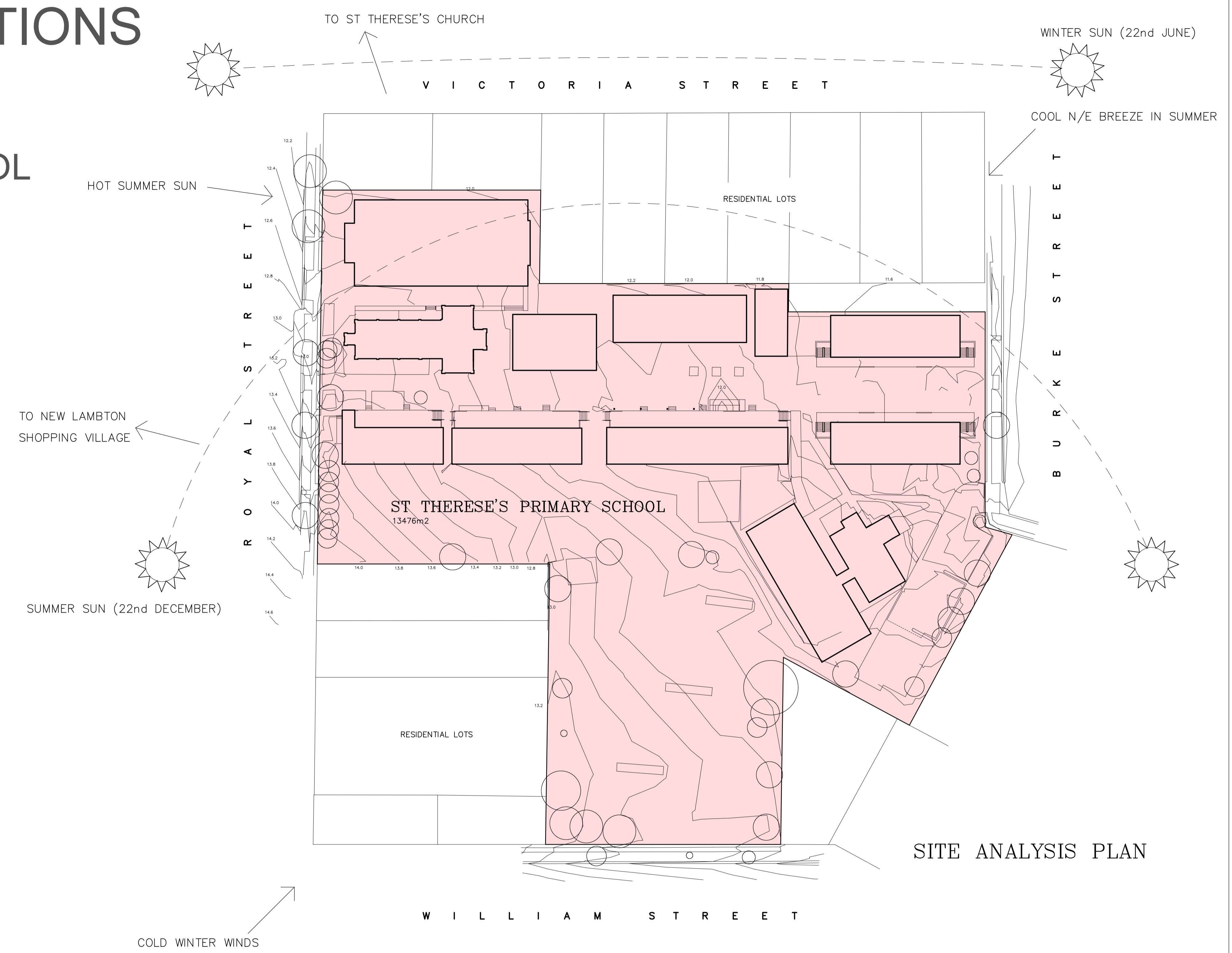
ST THERESE'S PRIMARY SCHOOL
 LOTS 67, 68, 69, DP 5401
 LOTS 4, 5, 6, DP 9676
 BURKE STREET,
 NEW LAMBTON, NSW, 2305

DRAWING SCHEDULE:
 DA ISSUE

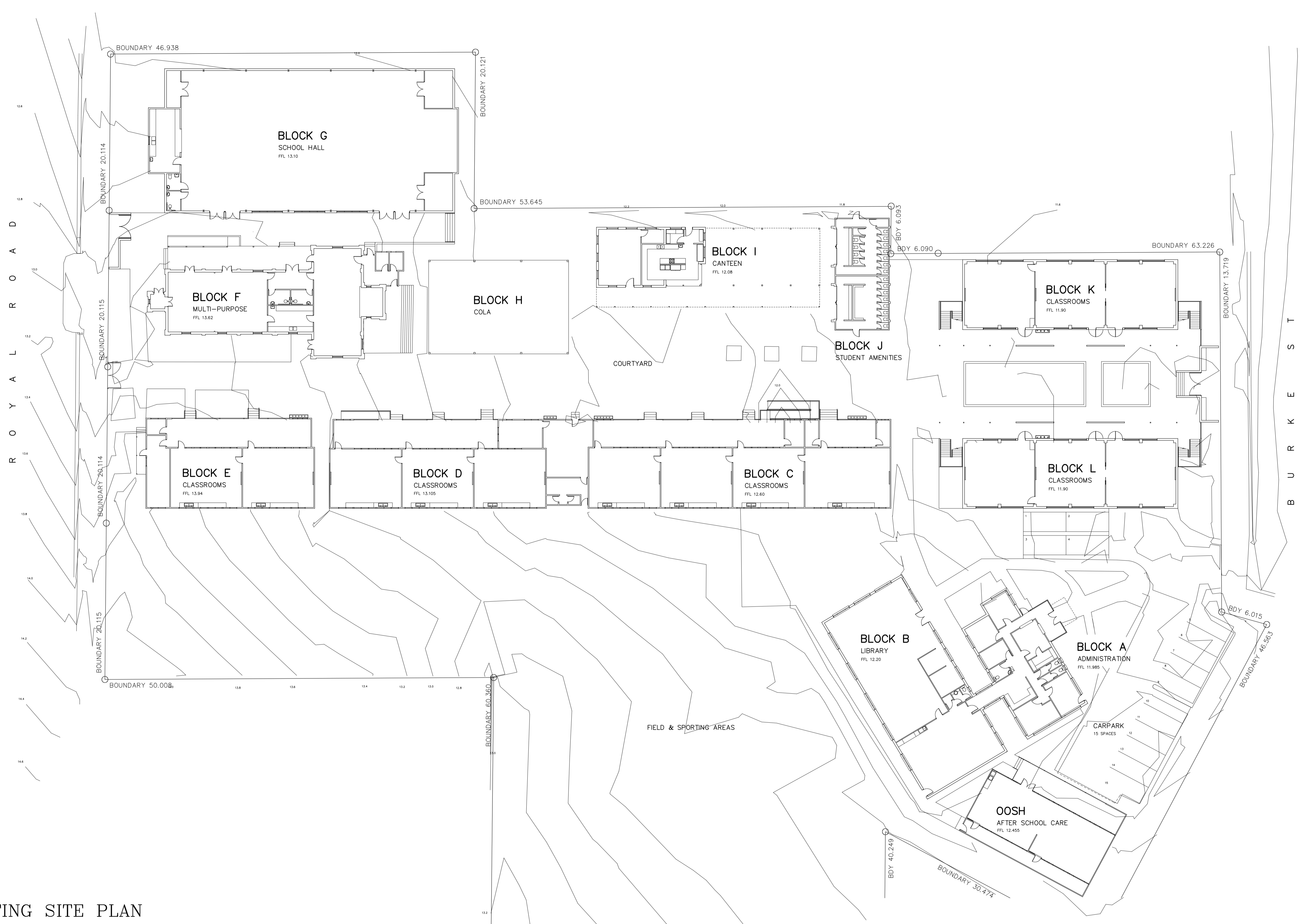
ARCHITECTURAL SET:

- A01 SCHEDULE & SITE ANALYSIS PLAN
- A02 EXISTING SITE PLAN
- A03 DEMOLITION PLAN
- A04 PROPOSED WORKS
- A05 BLOCK F
- A06 BLOCKS E, M & N
- A07 BLOCK O
- A08 ELEVATIONS 1
- A09 ELEVATIONS 2
- A10 VISUAL 1
- A11 VISUAL 2
- A12 SHADOW DIAGRAMS

NOTES:
 SITE BOUNDARIES AND LEVELS HAVE BEEN ESTABLISHED FROM
 THE DIMENSIONS CONTAINED WITHIN THE DETAIL SURVEY PLAN
 PREPARED BY MONTEATH & POWEYS PTY LTD
 SURVEYORS ON 23/04/2009



	<small>All dimensions are in millimeters unless otherwise shown. All levels are in metres to AHD unless otherwise noted. Work to figured dimensions. Do not scale from drawings. Check all dimensions on site and report any discrepancies to Shaddock Architects prior to construction or fabrication of any item. This drawing is to be read in conjunction with the total documentation package.</small>		PROJECT A & A TO PRIMARY SCHOOL	DRAWING TITLE SCHEDULE & LOCATION PLAN
	LOCATION ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON	SCALE 1:500 at A1	DWG No. A01	CLIENT CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE
NO. REVISION DATE	2 DA ISSUE 12.09.2018	1 PRELIMINARY DA ISSUE 07.09.2018	SHADDOCK ARCHITECTS	
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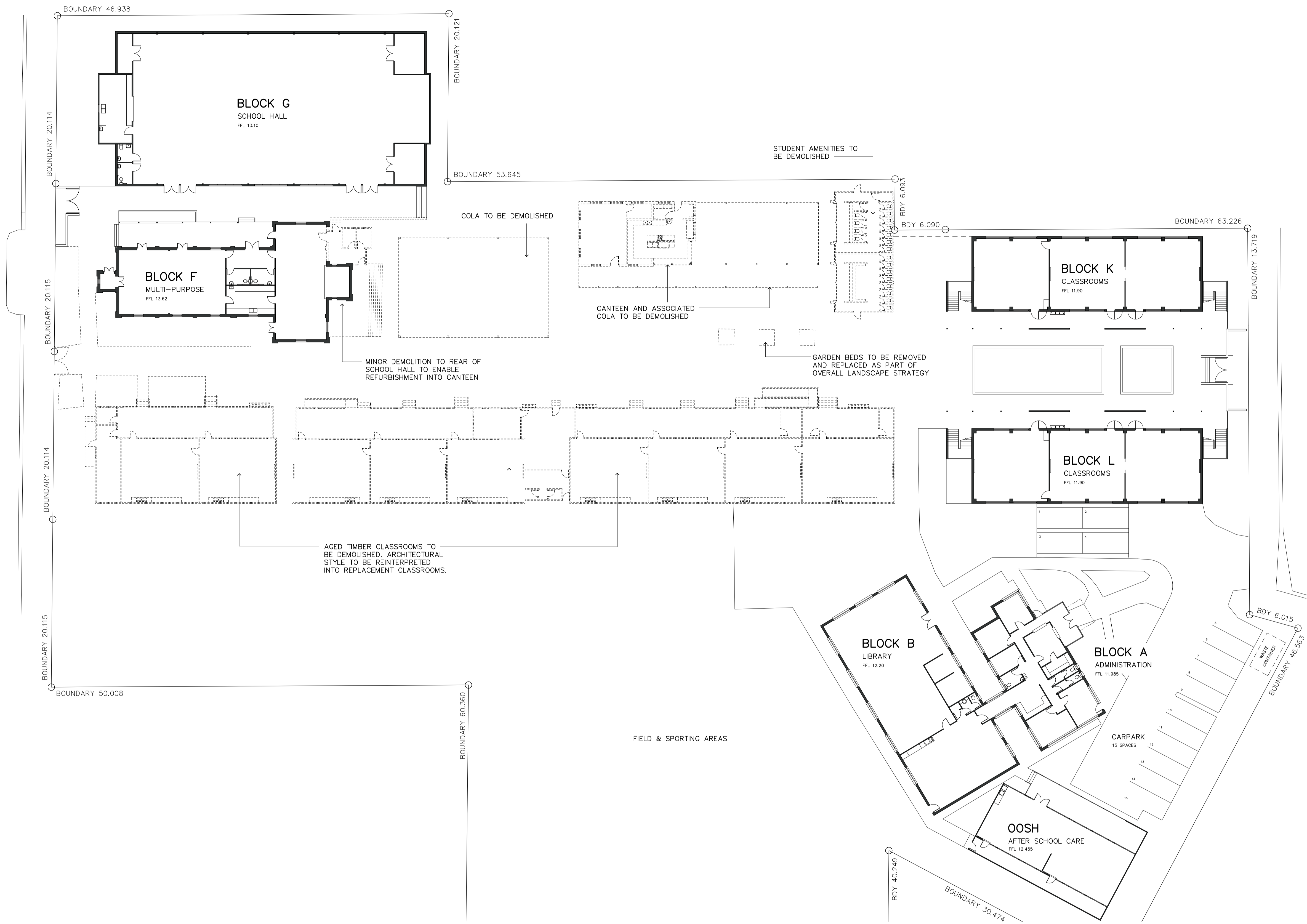
EXISTING SITE PLAN

NOTES:
 SITE BOUNDARIES AND LEVELS HAVE BEEN ESTABLISHED FROM THE DIMENSIONS CONTAINED WITHIN THE DETAIL SURVEY PLAN PREPARED BY MONTEATH & POWEYS PTY LTD SURVEYOURS ON 23/04/2009

	<small>All dimensions are in millimeters unless otherwise shown. All levels are in metres to AHD unless otherwise noted. Work to figured dimensions. Do not scale from drawings. Check all dimensions on site and report any discrepancies to Shaddock Architects prior to construction or fabrication of any item. This drawing is to be read in conjunction with the total documentation package.</small>		PROJECT A & A TO PRIMARY SCHOOL	DRAWING TITLE EXISTING SITE PLAN
	LOCATION ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON	SCALE 1:250 at A1	DWG No. A02	CLIENT CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE
NO. REVISION DATE 2 DA ISSUE 12.09.2018 1 PRELIMINARY DA ISSUE 07.09.2018	PROJECT No. 1033	ARCHITECTS SHADDOCK ARCHITECTS	<small>COPYRIGHT SHADDOCK ARCHITECTS - ABN 3523 154 3682 - 33 SCOTT ST NEWCASTLE EAST 2300 - 02 4926 4800 - MAIL@SHADDOCKARCHITECTS.COM - NOMINATED ARCHITECT PETER SHADDOCK NSW REG. NO.5388</small>	

R O Y A L R O A D

B U R K E S T

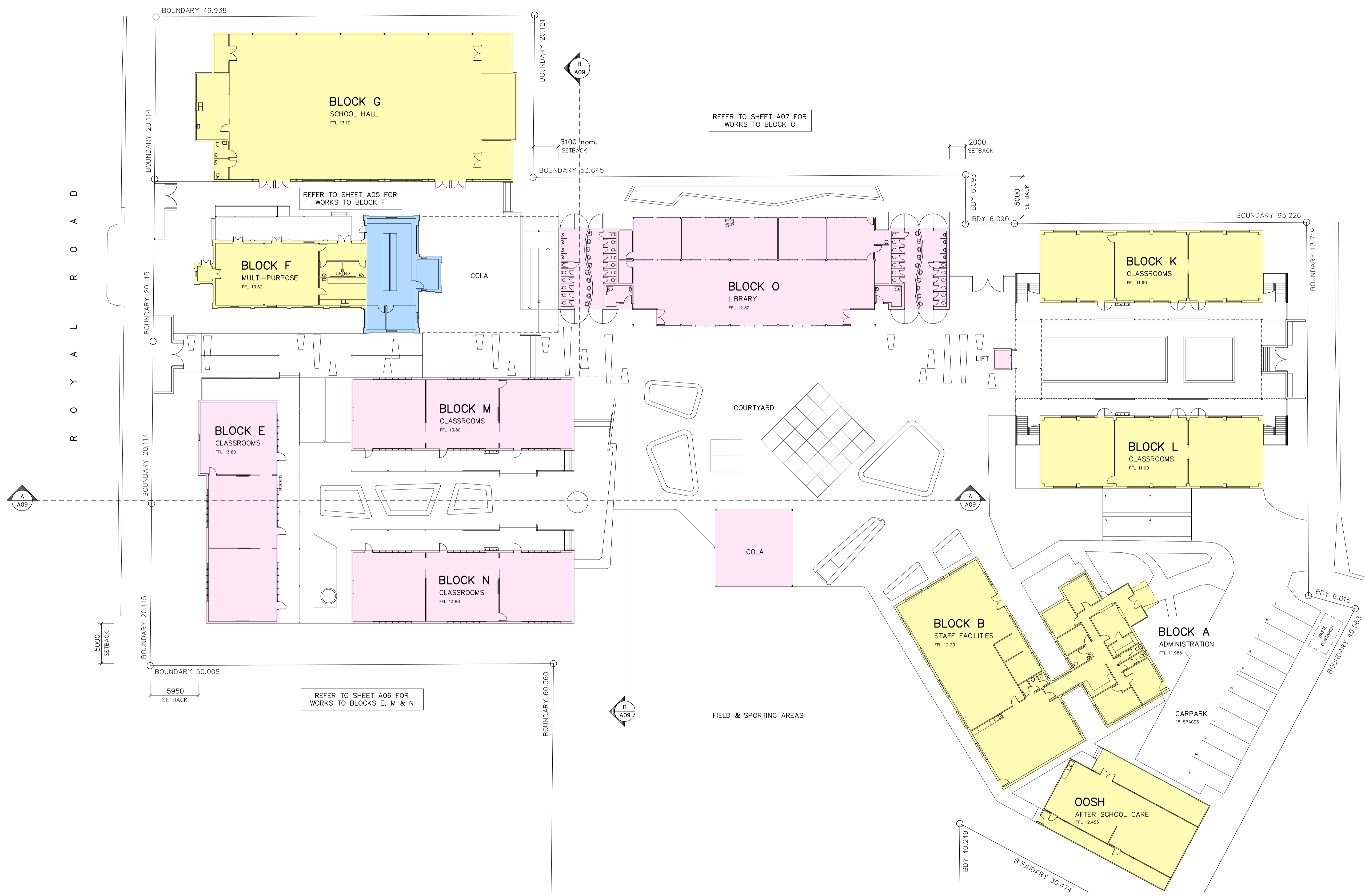


DEMOLITION PLAN

NOTES:
 SITE BOUNDARIES AND LEVELS HAVE BEEN ESTABLISHED FROM THE DIMENSIONS CONTAINED WITHIN THE DETAIL SURVEY PLAN PREPARED BY MONTEATH & POWEYS PTY LTD SURVEYORS ON 23/04/2009

	<small>All dimensions are in millimeters unless otherwise shown. All levels are in metres to AHD unless otherwise noted. Work to figured dimensions. Do not scale from drawings. Check all dimensions on site and report any discrepancies to Shaddock Architects prior to construction or fabrication of any item. This drawing is to be read in conjunction with the total documentation package.</small>		PROJECT A & A TO PRIMARY SCHOOL	DRAWING TITLE DEMOLITION PLAN
	LOCATION ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON	SCALE 1:250 at A1	DWG No. A03	CLIENT CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE
NO. REVISION DATE 2 DA ISSUE 12.09.2018 1 PRELIMINARY DA ISSUE 07.09.2018	PROJECT No. 1033	ARCHITECTS SHADDOCK ARCHITECTS	<small>COPYRIGHT SHADDOCK ARCHITECTS - ABN 3523 154 3682 - 33 SCOTT ST NEWCASTLE EAST 2300 - 02 4926 4800 - MAIL@SHADDOCKARCHITECTS.COM - NOMINATED ARCHITECT PETER SHADDOCK NSW REG. NO.5388</small>	

- NEW CONSTRUCTION
- EXISTING UNCHANGED AREAS
- REFURBISHED AREAS



PROPOSED WORKS

NOTES:

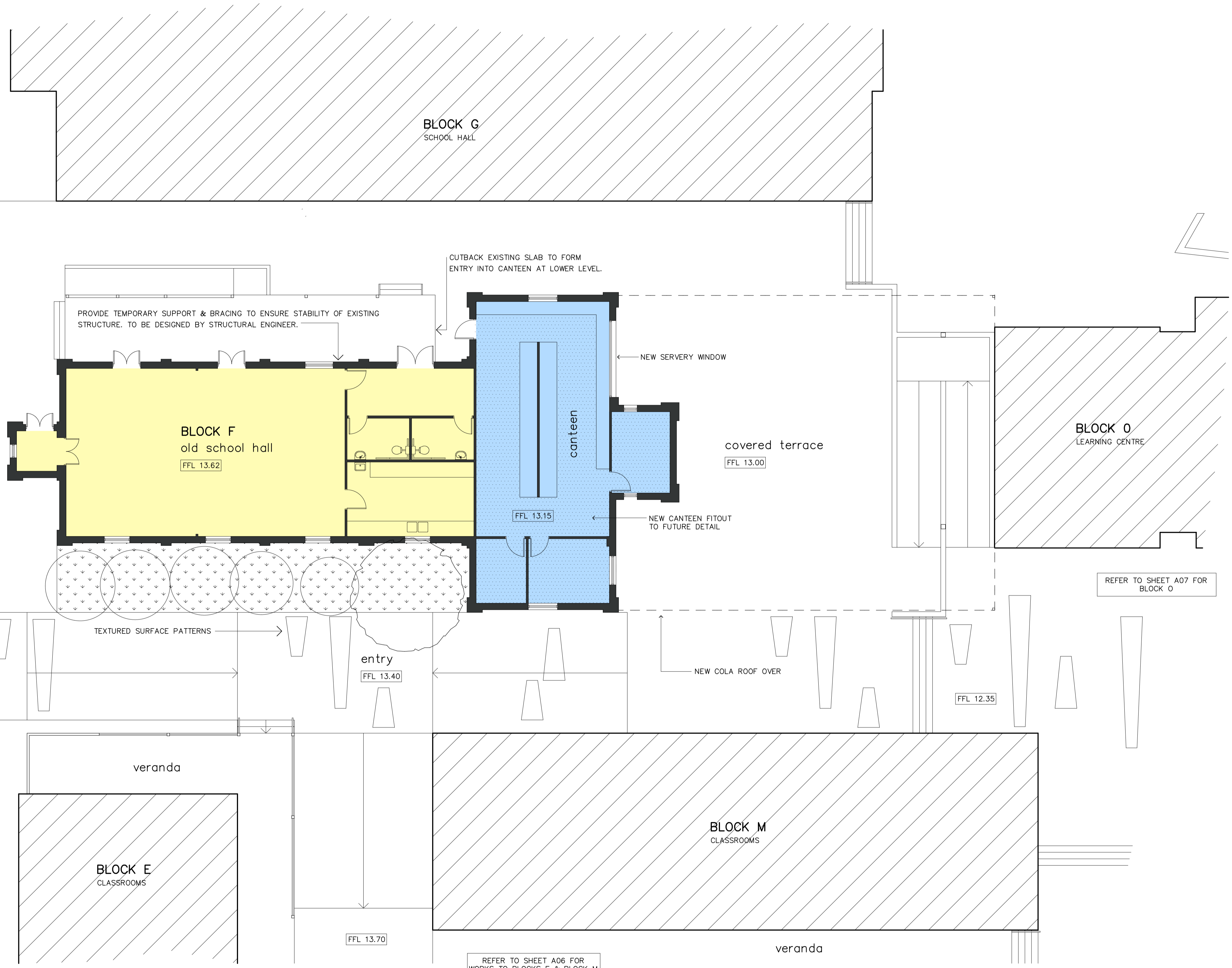
SITE BOUNDARIES AND LEVELS HAVE BEEN ESTABLISHED FROM THE DIMENSIONS CONTAINED WITHIN THE DETAIL SURVEY PLAN PREPARED BY MONTEATH & POWEYS PTY LTD SURVEYORS ON 23/04/2009

	All dimensions are in millimeters unless otherwise shown. All levels are in metres to AHD unless otherwise noted. Work to figured dimensions. Do not scale from drawings. Check all dimensions on site and report any discrepancies to Shaddock Architects prior to construction or fabrication of any item. This drawing is to be read in conjunction with the total documentation package.		PROJECT A & A TO PRIMARY SCHOOL	DRAWING TITLE PROPOSED WORKS
			LOCATION ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON	SCALE 1:250 at A1
		CLIENT CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE	PROJECT No. 1033	A04
		NO. REVISION DATE	SHADDOCK ARCHITECTS	
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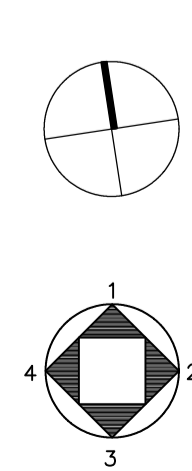
R O Y A L S T R E E T

BOUNDARY 20.114

BOUNDARY 20.115



NOTES:
 SITE BOUNDARIES AND LEVELS HAVE BEEN ESTABLISHED FROM THE DIMENSIONS CONTAINED WITHIN THE DETAIL SURVEY PLAN PREPARED BY MONTEATH & POWEYS PTY LTD SURVEYOURS ON 23/04/2009



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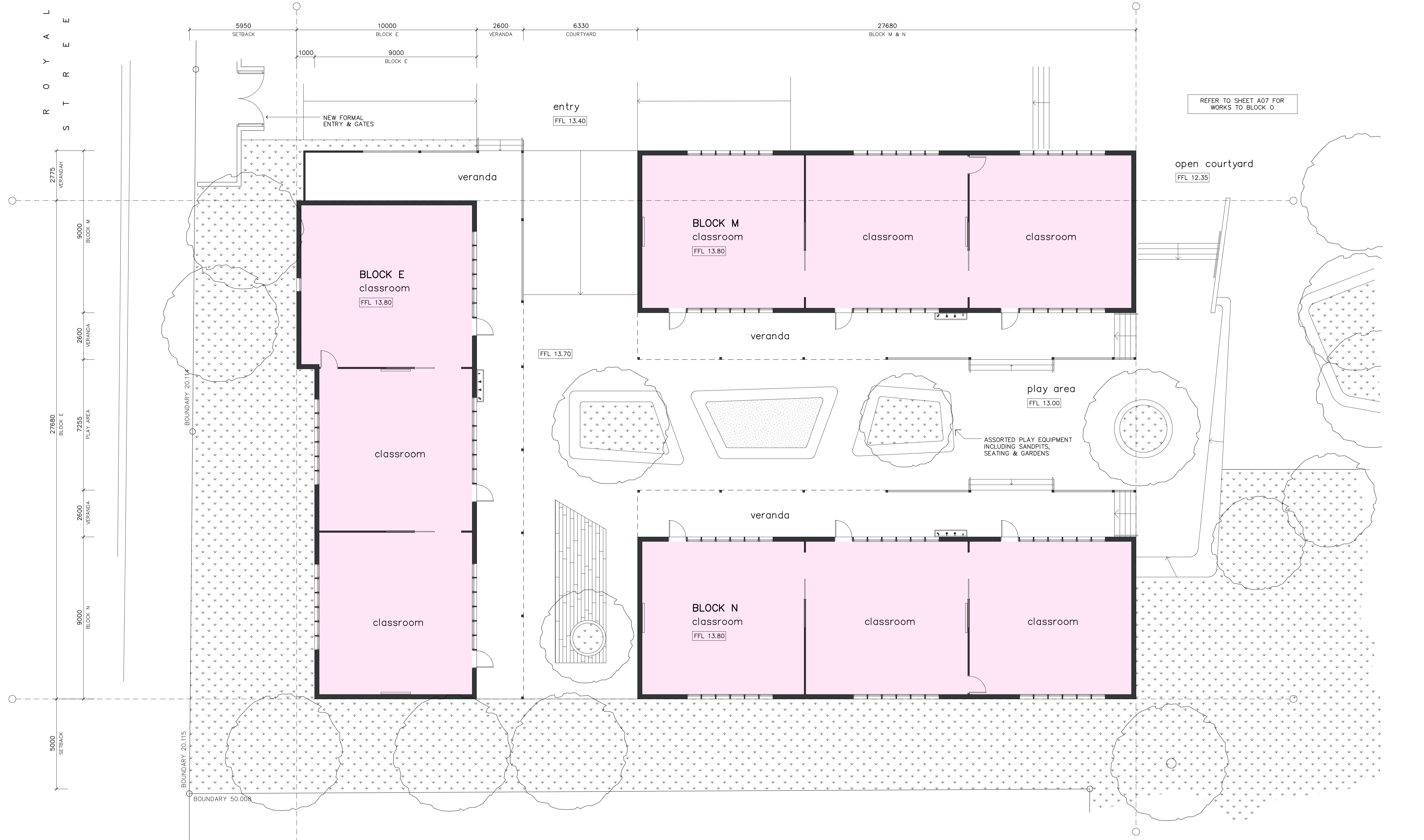
NO.	REVISION	DATE
1	PRELIMINARY DA ISSUE	07.09.2018
2	DA ISSUE	12.09.2018

PROJECT	A & A TO PRIMARY SCHOOL
LOCATION	ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON
CLIENT	CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE

DRAWING TITLE	BLOCK F
SCALE	1:100 at A1
No. IN SET	5 of 12
PROJECT No.	1033
DWG No.	A05
SHADDOCK ARCHITECTS	

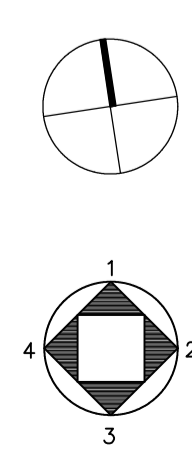
PROPOSED WORKS – BLOCK F

R O O Y A L
S T R E E T



REFER TO SHEET A07 FOR WORKS TO BLOCK O

NOTES:
SITE BOUNDARIES AND LEVELS HAVE BEEN ESTABLISHED FROM THE DIMENSIONS CONTAINED WITHIN THE DETAIL SURVEY PLAN PREPARED BY MONTEATH & POWEYS PTY LTD SURVEYOURS ON 23/04/2009



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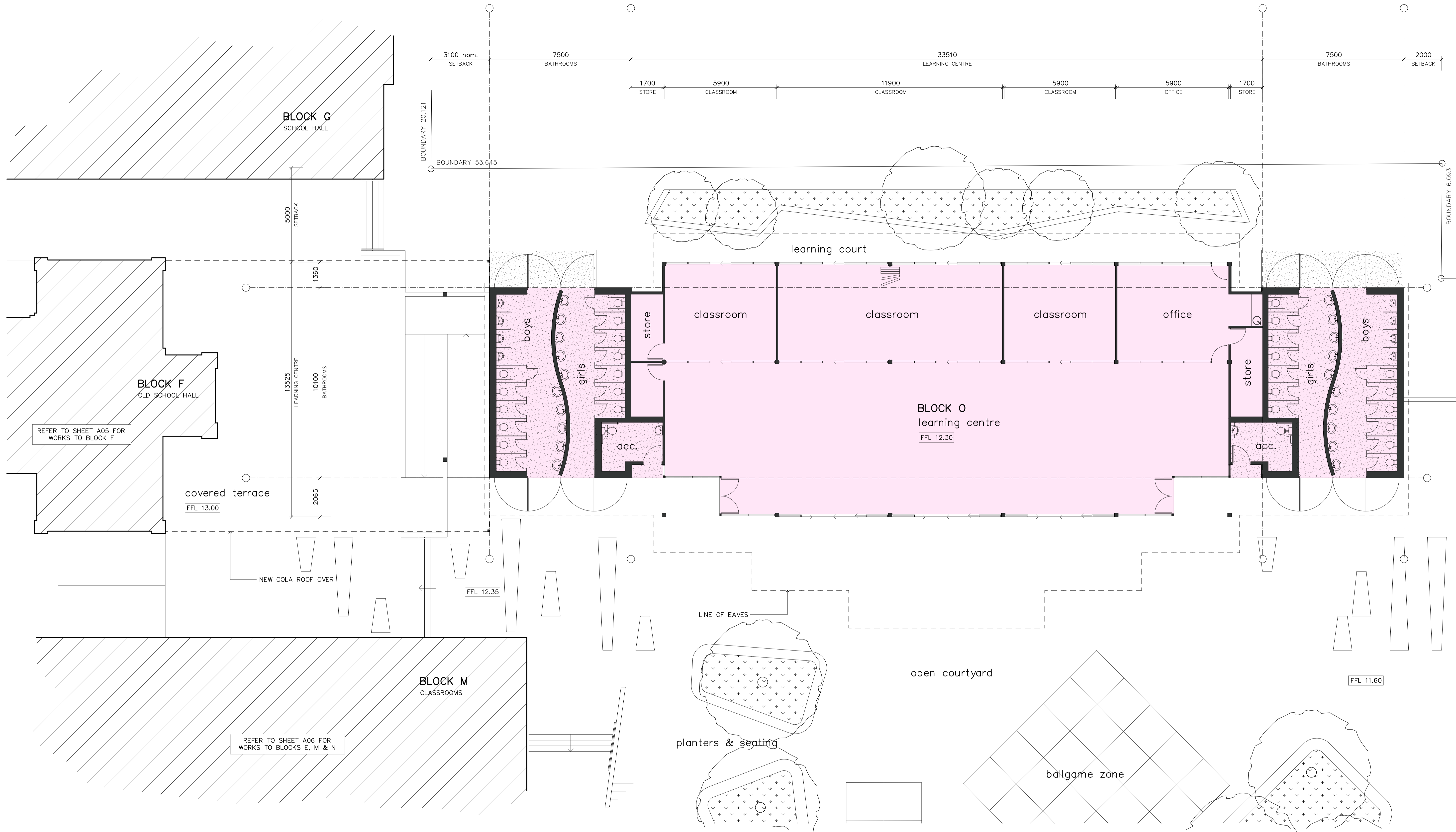
NO.	REVISION	DATE
1	PRELIMINARY DA ISSUE	07.09.2018
2	DA ISSUE	12.09.2018

PROJECT	A & A TO PRIMARY SCHOOL
LOCATION	ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON
CLIENT	CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE

DRAWING TITLE	BLOCKS E, M & N
SCALE	1:100 at A1
No. IN SET	6 of 12
PROJECT No.	1033
SHADDOCK ARCHITECTS	

A06

PROPOSED WORKS – BLOCKS E, M & N

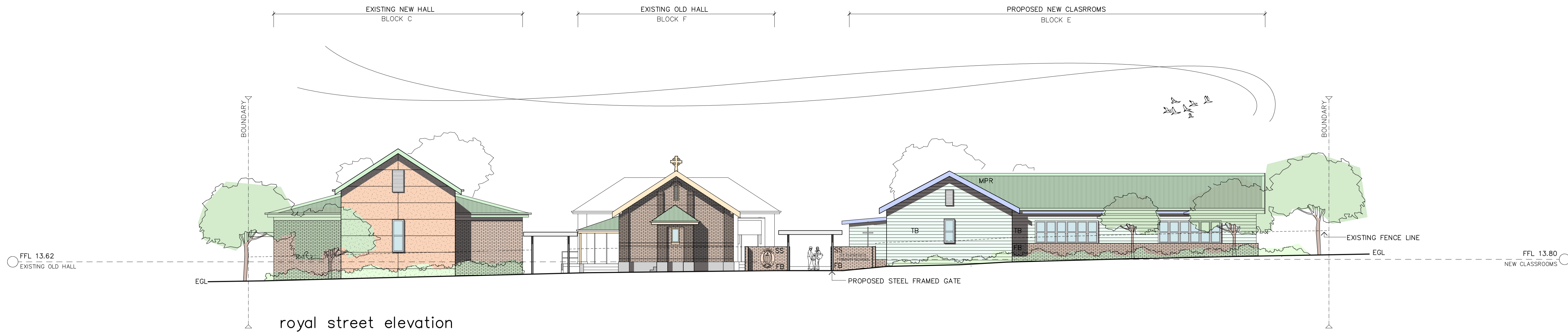


PROPOSED WORKS – BLOCKS F & O

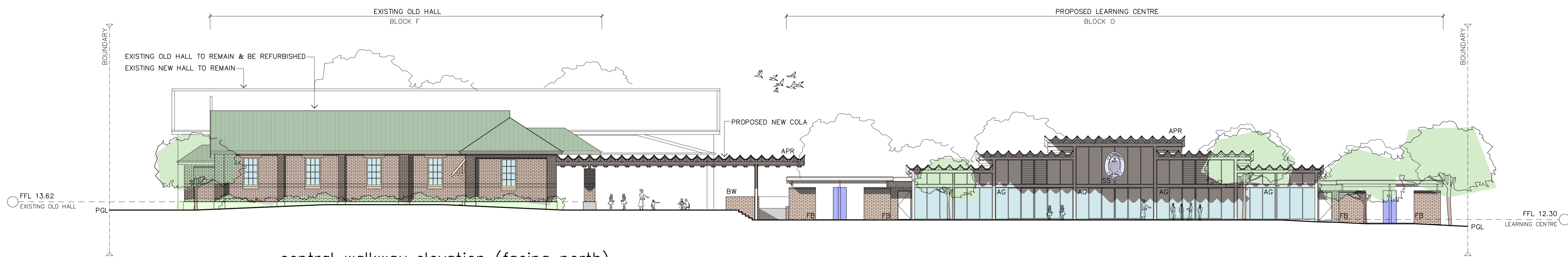
NOTES:

SITE BOUNDARIES AND LEVELS HAVE BEEN ESTABLISHED FROM THE DIMENSIONS CONTAINED WITHIN THE DETAIL SURVEY PLAN PREPARED BY MONTEATH & POWEYS PTY LTD SURVEYOURS ON 23/04/2009

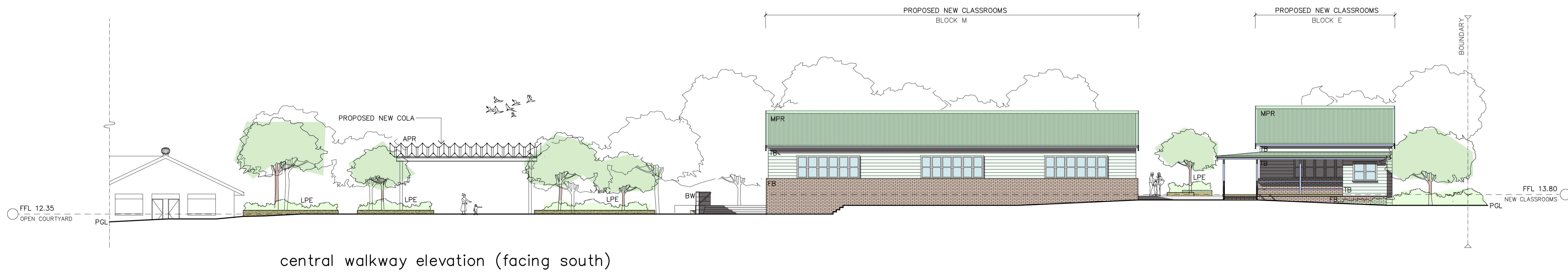
	All dimensions are in millimeters unless otherwise shown. All levels are in metres to AHD unless otherwise noted. Work to figured dimensions. Do not scale from drawings. Check all dimensions on site and report any discrepancies to Shaddock Architects prior to construction or fabrication of any item. This drawing is to be read in conjunction with the total documentation package.		PROJECT A & A TO PRIMARY SCHOOL	DRAWING TITLE BLOCK 0
	LOCATION ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON	SCALE 1:100 at A1	NO. IN SET 7 of 12	DWG No. A07
CLIENT CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE	PROJECT No. 1033	SHADDOCK ARCHITECTS		
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royal street elevation



central walkway elevation (facing north)



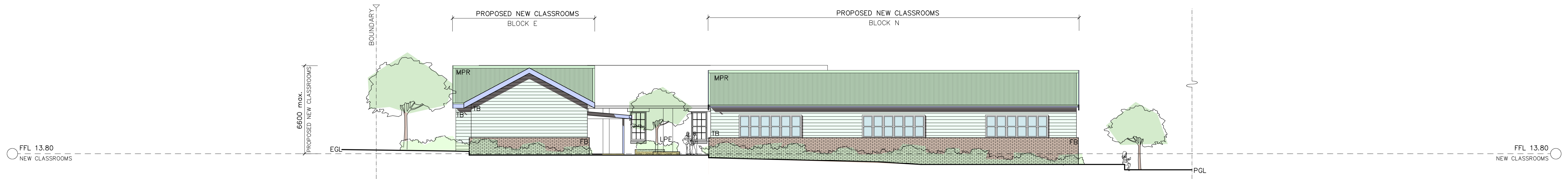
central walkway elevation (facing south)

NOTES:
 SITE BOUNDARIES AND LEVELS HAVE BEEN ESTABLISHED FROM THE DIMENSIONS CONTAINED WITHIN THE DETAIL SURVEY PLAN PREPARED BY MONTEATH & POWEYS PTY LTD SURVEYOURS ON 23/04/2009

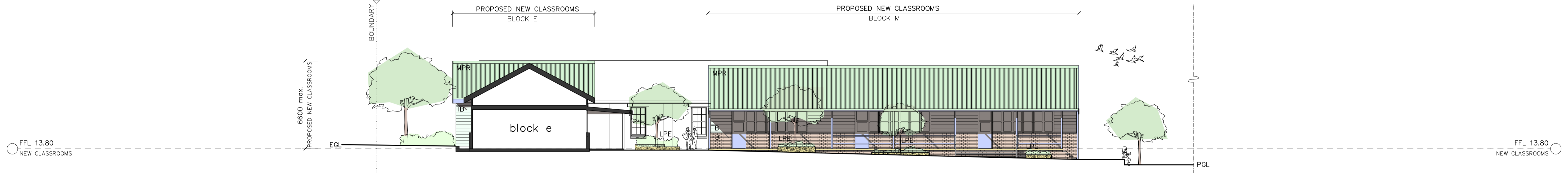
LEGEND:

AG	ALUMINIUM FRAMED GLAZING	LPE	LANDSCAPED PLAY EQUIPMENT
APR	ARAMAX PROFILE ROOFING	MPR	METAL PROFILED ROOFING
BW	BLOCKWORK	PGL	PROPOSED GROUND LINE
CFT	CERAMIC WALL TILES	SS	SCHOOL SIGNAGE
EGL	EXISTING GROUND LINE	TB	TIMBER WEATHERBOARDING
FB	FACE BRICKWORK		

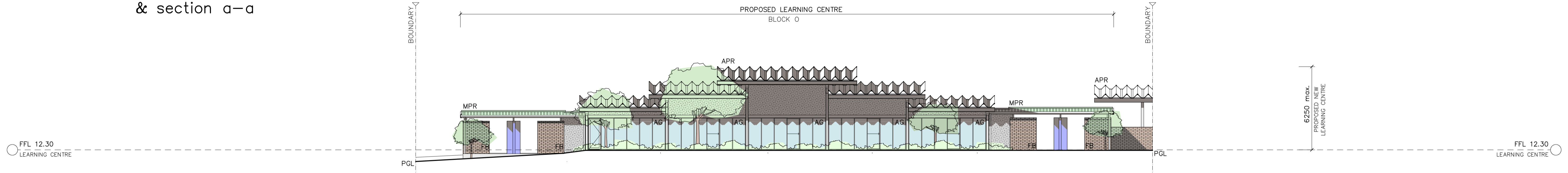
<small>All dimensions are in millimeters unless otherwise shown. All levels are in metres to AHD unless otherwise noted. Work to figured dimensions. Do not scale from drawings. Check all dimensions on site and report any discrepancies to Shaddock Architects prior to construction or fabrication of any item. This drawing is to be read in conjunction with the total documentation package.</small>			PROJECT A & A TO PRIMARY SCHOOL	DRAWING TITLE ELEVATIONS 1
LOCATION ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON			SCALE 1:150 at A1	DWG No. A08
CLIENT CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE			No. IN SET 8 of 12	
PROJECT No. 1033			PROJECT No. 1033	
NO. REVISION DATE			SHADDOCK ARCHITECTS	
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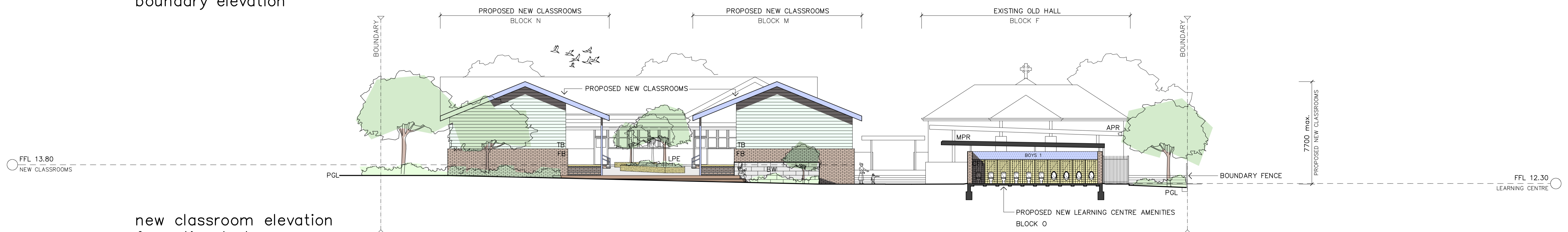
new classroom
boundary elevation



new classroom
courtyard elevation
& section a-a



new learning centre
boundary elevation



new classroom elevation
& section b-b

NOTES:
SITE BOUNDARIES AND LEVELS HAVE BEEN ESTABLISHED FROM THE DIMENSIONS CONTAINED WITHIN THE DETAIL SURVEY PLAN PREPARED BY MONTEATH & POWEYS PTY LTD SURVEYOURS ON 23/04/2009

LEGEND:

AG	ALUMINIUM FRAMED GLAZING	LPE	LANDSCAPED PLAY EQUIPMENT
APR	ARAMAX PROFILE ROOFING	MPR	METAL PROFILED ROOFING
BW	BLOCKWORK	PGL	PROPOSED GROUND LINE
CFT	CERAMIC WALL TILES	SS	SCHOOL SIGNAGE
EGL	EXISTING GROUND LINE	TB	TIMBER WEATHERBOARDING
FB	FACE BRICKWORK		

<p>All dimensions are in millimeters unless otherwise shown. All levels are in metres to AHD unless otherwise noted. Work to figured dimensions. Do not scale from drawings. Check all dimensions on site and report any discrepancies to Shaddock Architects prior to construction or fabrication of any item. This drawing is to be read in conjunction with the total documentation package.</p>			PROJECT	A & A TO PRIMARY SCHOOL	DRAWING TITLE	ELEVATIONS 2
			LOCATION	ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON	SCALE	1:150 at A1
			CLIENT	CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE	No. IN SET	9 of 12
					PROJECT No.	1033
					SHADDOCK ARCHITECTS	
NO.	REVISION	DATE				
2	DA ISSUE	12.09.2018				
1	PRELIMINARY DA ISSUE	07.09.2018				
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visual – royal street

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NO. REVISION DATE			LOCATION ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON		SCALE –	
2 DA ISSUE 12.09.2018			CLIENT CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE		No. IN SET 10 of 12	
1 PRELIMINARY DA ISSUE 07.09.2018			PROJECT No. 1033		DWG No. A10	
			SHADDOCK ARCHITECTS			
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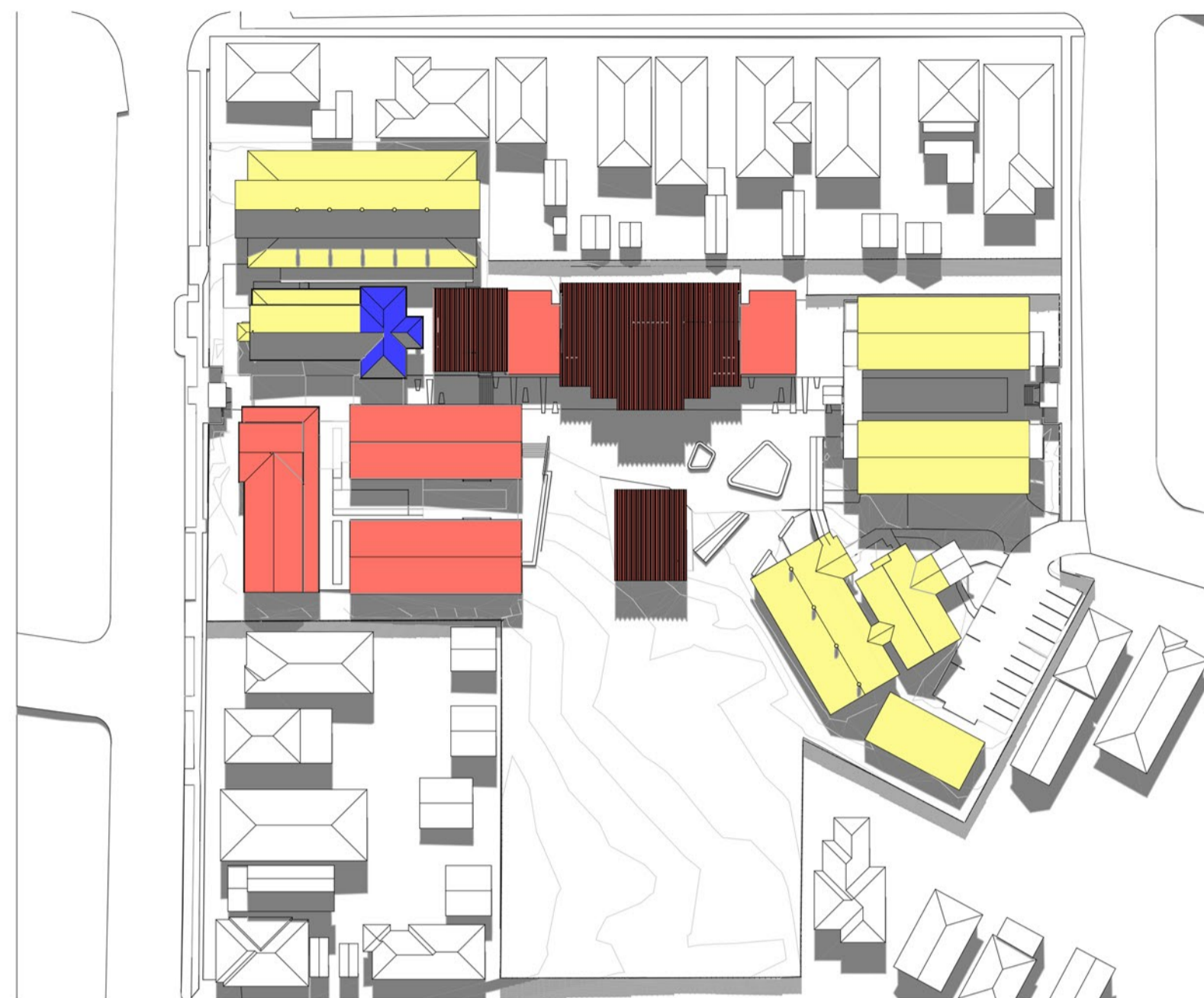


visual – learning centre

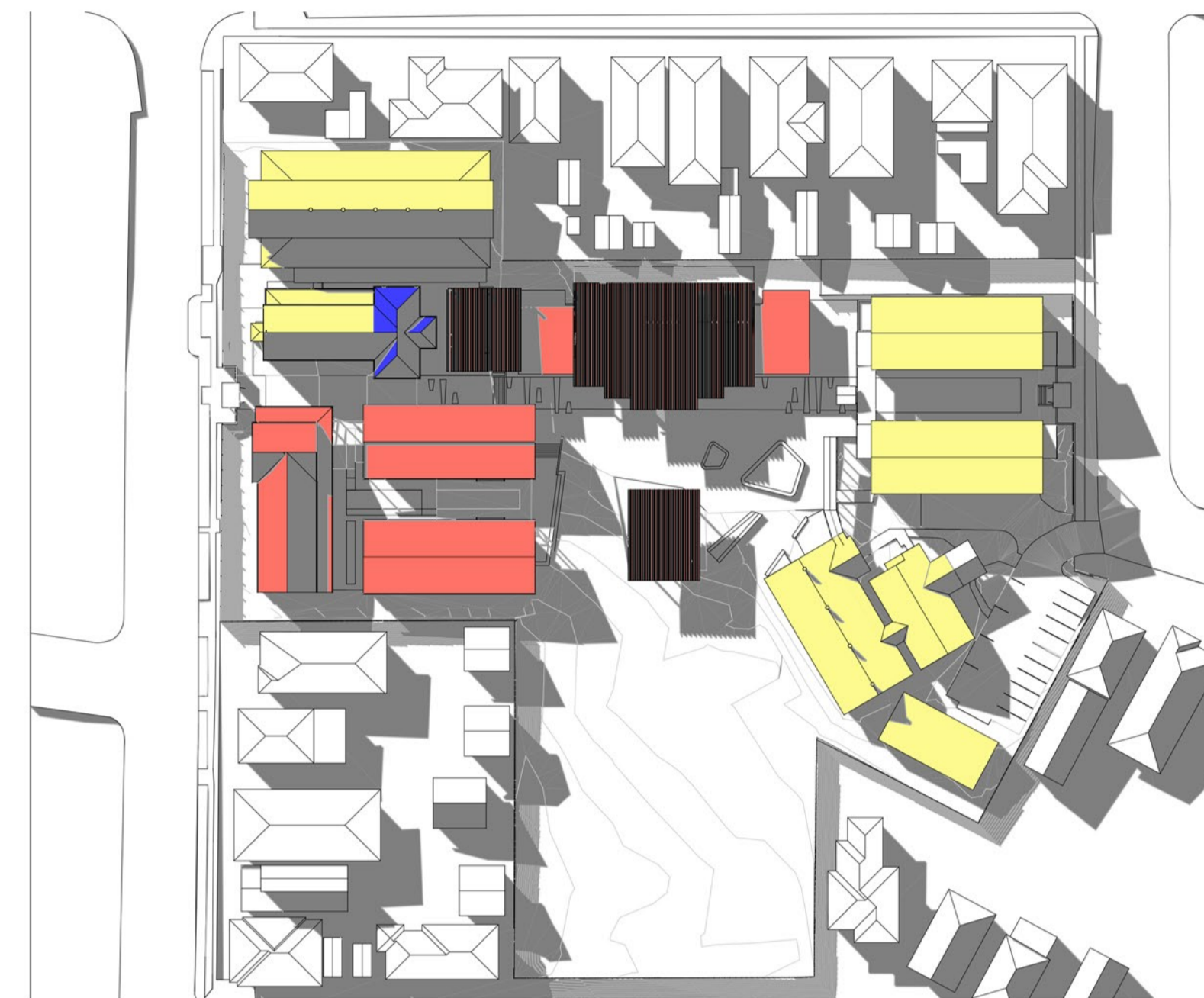
<small>All dimensions are in millimeters unless otherwise shown. All levels are in metres to AHD unless otherwise noted. Work to figured dimensions. Do not scale from drawings. Check all dimensions on site and report any discrepancies to Shaddock Architects prior to construction or fabrication of any item. This drawing is to be read in conjunction with the total documentation package.</small>			PROJECT		DRAWING TITLE													
			A & A TO PRIMARY SCHOOL		VISUAL 2													
<table border="1"> <tr> <td>–</td> <td>–</td> <td>–</td> </tr> <tr> <td>2</td> <td>DA ISSUE</td> <td>12.09.2018</td> </tr> <tr> <td>1</td> <td>PRELIMINARY DA ISSUE</td> <td>07.09.2018</td> </tr> <tr> <td>NO.</td> <td>REVISION</td> <td>DATE</td> </tr> </table>			–	–	–	2	DA ISSUE	12.09.2018	1	PRELIMINARY DA ISSUE	07.09.2018	NO.	REVISION	DATE	LOCATION ST THERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON		SCALE	–
			–	–	–													
2	DA ISSUE	12.09.2018																
1	PRELIMINARY DA ISSUE	07.09.2018																
NO.	REVISION	DATE																
CLIENT		No. IN SET	11 of 12															
			CATHOLIC DIOCESE OF MAITLAND–NEWCASTLE		PROJECT No.	1033												
					SHADDOCK ARCHITECTS													
							DWG No.	A11										
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9am (22nd June)



12 noon (22nd June)



3pm (22nd June)



9am (22nd December)



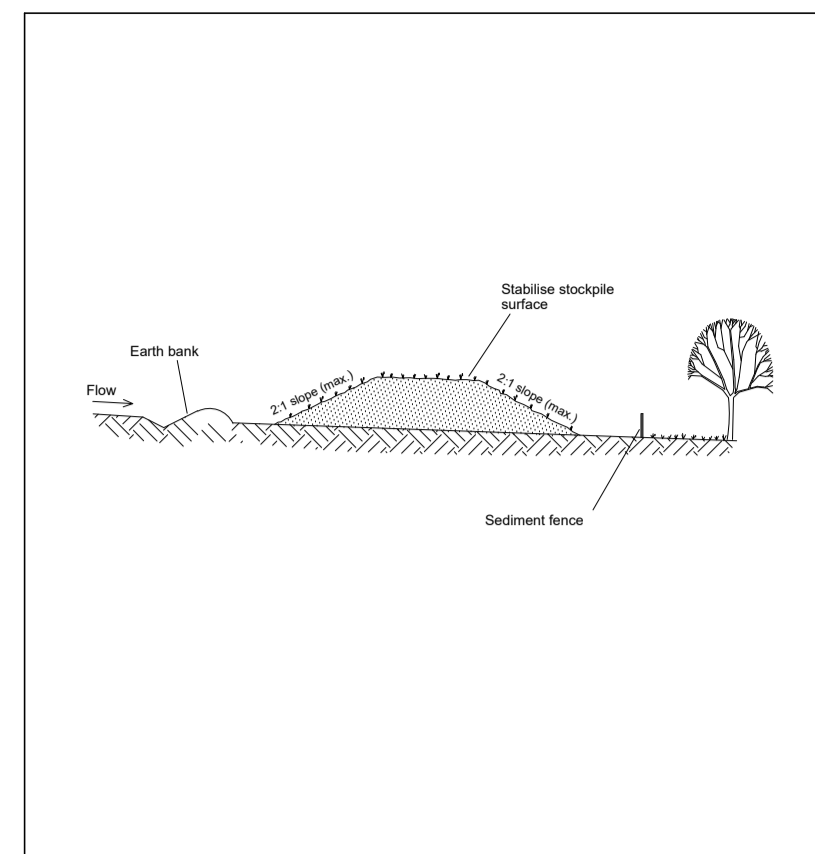
12 noon (22nd December)



3pm (22nd December)

- NEW CONSTRUCTION
- EXISTING UNCHANGED AREAS
- REFURBISHED AREAS

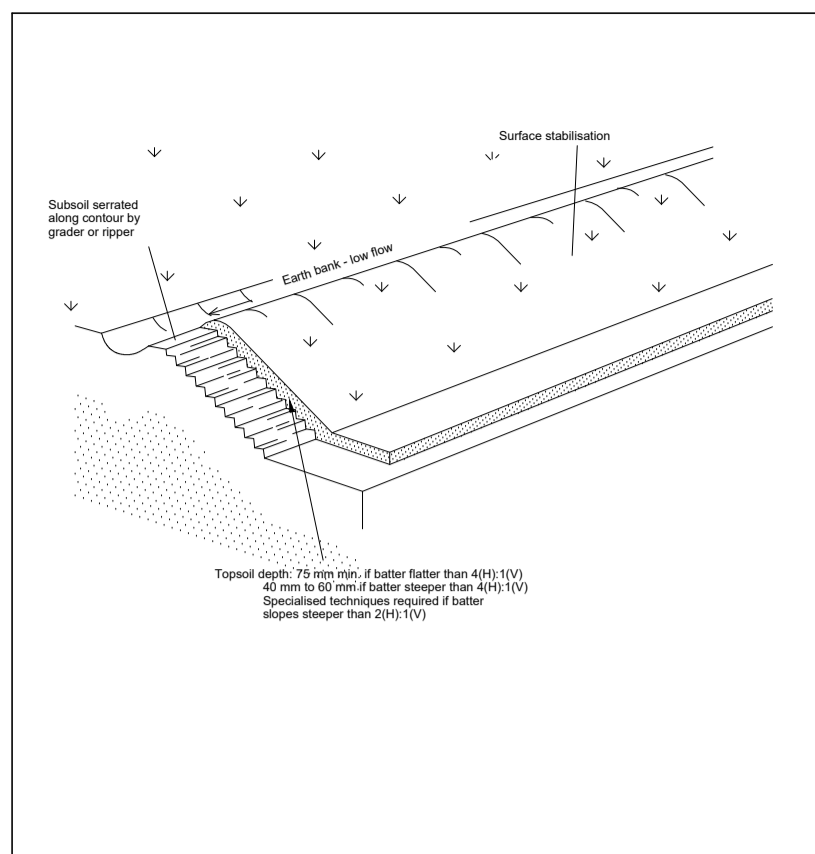
	All dimensions are in millimeters unless otherwise shown. All levels are in metres to AHD unless otherwise noted. Work to figured dimensions. Do not scale from drawings. Check all dimensions on site and report any discrepancies to Shaddock Architects prior to construction or fabrication of any item. This drawing is to be read in conjunction with the total documentation package.		PROJECT A & A TO PRIMARY SCHOOL	DRAWING TITLE SHADOW DIAGRAMS
	LOCATION ST TERESE'S PRIMARY SCHOOL BURKE STREET, NEW LAMBTON	SCALE -	A12	
	CLIENT CATHOLIC DIOCESE OF MAITLAND-NEWCASTLE	No. IN SET 12 of 12		
	PROJECT NO. 1033	SHADDOCK ARCHITECTS		
NO. REVISION DATE	2 DA ISSUE 12.09.2018	1 PRELIMINARY DA ISSUE 07.09.2018		
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Construction Notes

- Place stockpiles more than 2 (preferably 5) metres from existing vegetation, concentrated water flow, roads and hazard areas.
- Construct on the contour as low, flat, elongated mounds.
- Where there is sufficient area, topsoil stockpiles shall be less than 2 metres in height.
- Where they are to be in place for more than 10 days, stabilise following the approved ESCP or SWMP.
- Construct earth banks (Standard Drawing 5-5) on the upslope side to divert water around stockpiles and sediment fences (Standard Drawing 5-8) 1 to 2 metres downslope.

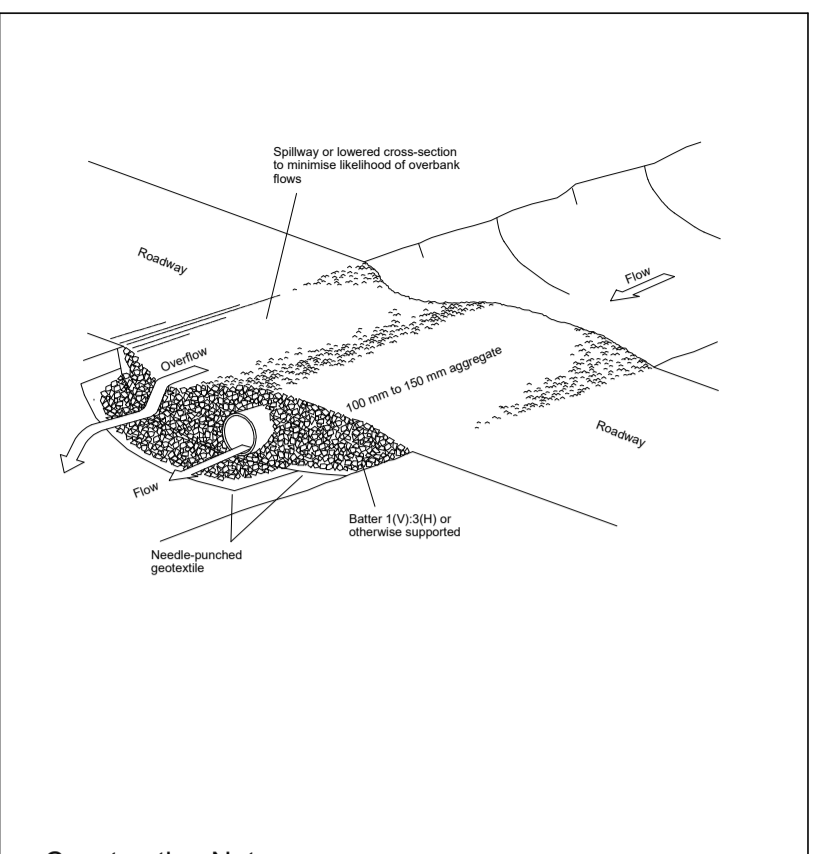
STOCKPILES SD 4-1



Construction Notes

- Scarify the ground surface along the line of the contour to a depth of 50 mm to 100 mm to break up any hardsetting surfaces and to provide a good bond between the respread material and subsoil.
- Add soil ameliorants as required by the ESCP or SWMP.
- Rip to a depth of 300 mm if compacted layers occur.
- Where possible, replace topsoil to a depth of 40 to 60 mm on lands where the slope exceeds 4(H):1(V) and to at least 75 mm on lower gradients.

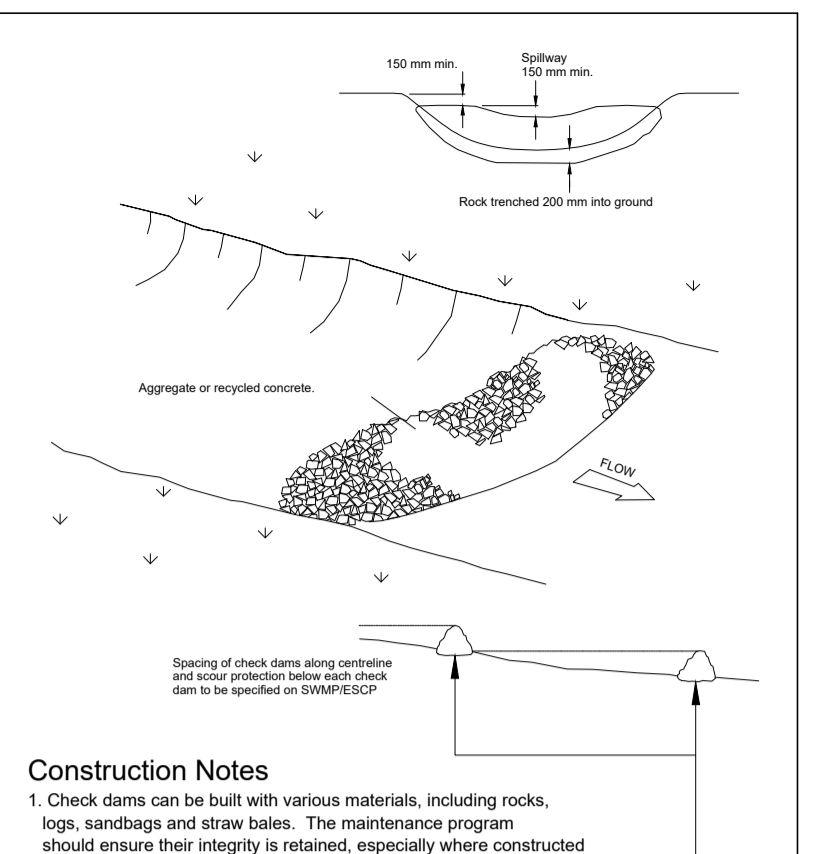
REPLACING TOPSOIL SD 4-2



Construction Notes

- Prohibit all traffic until the access way is constructed.
- Strip any topsoil and place a needle-punctured textile over the base of the crossing.
- Place clean, rigid, non-polluting aggregate or gravel in the 100 mm to 150 mm size class over the fabric to a minimum depth of 200 mm.
- Provide a 3-metre wide carriageway with sufficient length of culvert pipe to allow less than a 3(H):1(V) slope on side batters.
- Install a lower section to act as an emergency spillway in greater than 6.
- Ensure that culvert outlets extend beyond the toe of fill embankments.

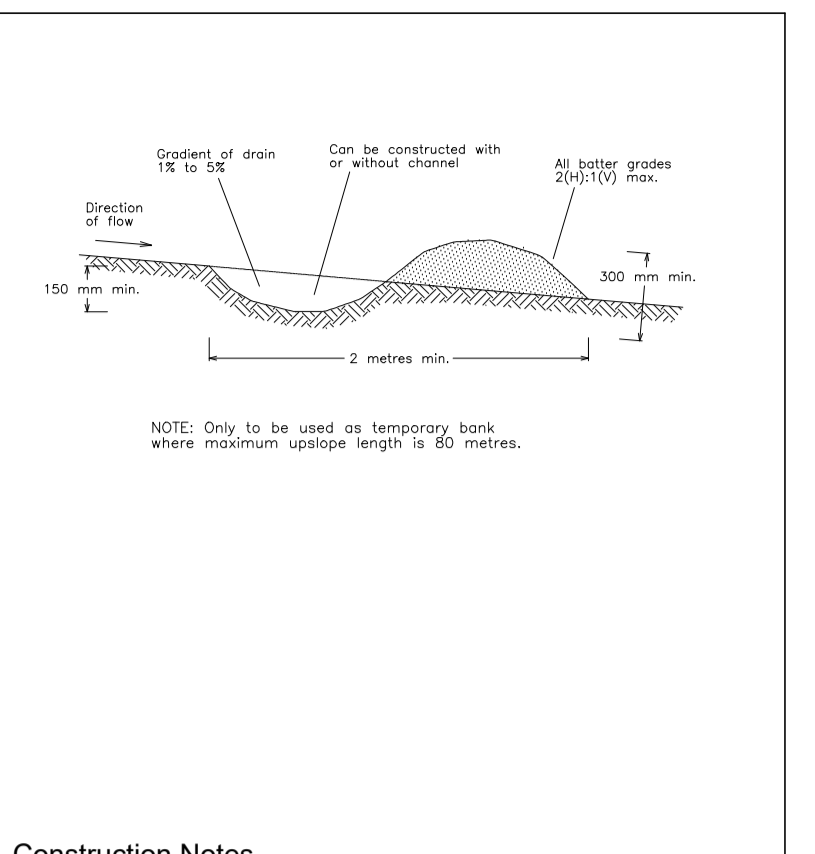
TEMPORARY WATERWAY CROSSING SD 5-1



Construction Notes

- Check dams can be built with various materials, including rocks, logs, sandbags and straw bales. The maintenance program should ensure their integrity is retained, especially where constructed with straw bales. In the case of bales, this might require their replacement each two to four months.
- Trench the check dam 200 mm into the ground across its whole width. Where rock is used, fill the trenches to at least 100 mm above the ground surface to reduce the risk of undercutting.
- Normally, their maximum height should not exceed 600 mm above the gully floor. The centre should act as a spillway, being at least 150 mm lower than the outer edges.
- Space the dams so the toe of the upstream dam is level with the spillway of the next downstream dam.

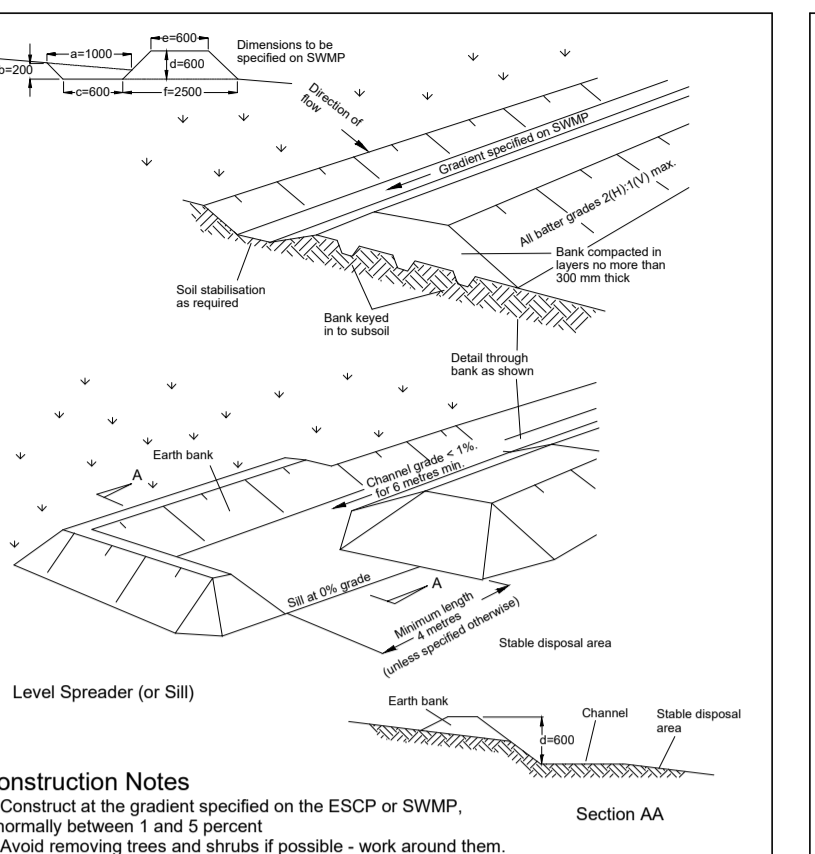
ROCK CHECK DAM SD 5-4



Construction Notes

- Build with gradients between 1 percent and 5 percent.
- Avoid removing trees and shrubs if possible - work around them.
- Ensure the structures are free of projections or other irregularities that could impede water flow.
- Build the drains with circular, parabolic or trapezoidal cross sections, not V-shaped.
- Ensure the banks are properly compacted to prevent failure.
- Complete permanent or temporary stabilisation within 10 days of construction.
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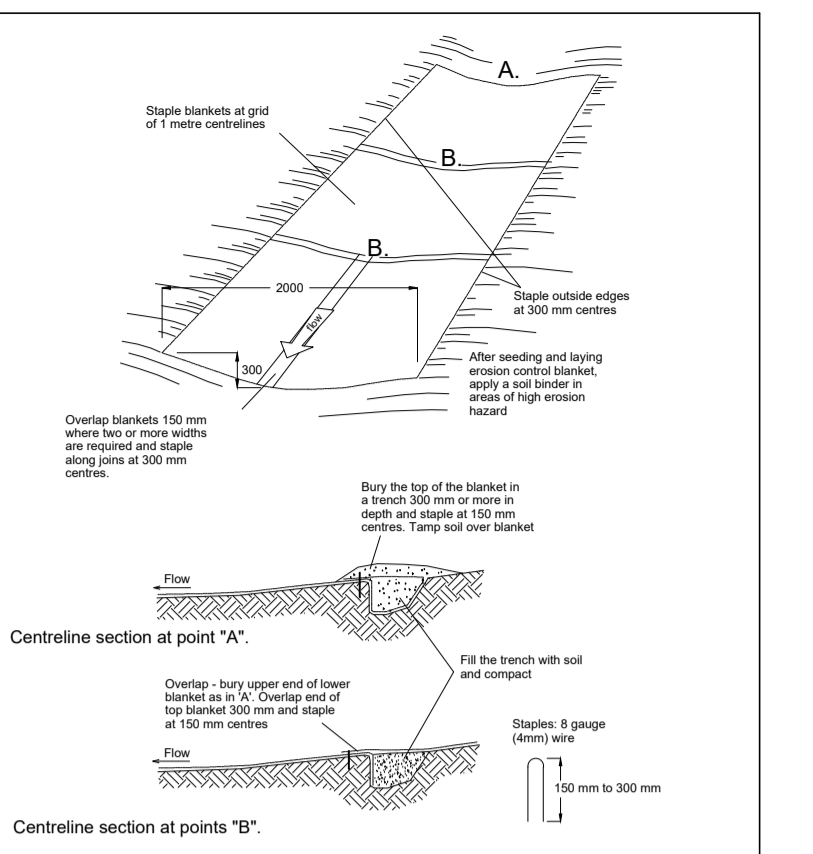
EARTH BANK (LOW FLOW) SD 5-5



Construction Notes

- Construct at the gradient specified on the ESCP or SWMP, normally between 1 and 5 percent.
- Avoid removing trees and shrubs if possible - work around them.
- Ensure the structures are free of projections or other irregularities that could impede water flow.
- Build the drains with circular, parabolic or trapezoidal cross sections, not V-shaped, at the dimensions shown on the SWMP.
- Ensure the banks are properly compacted to prevent failure.
- Complete permanent or temporary stabilisation within 10 days of construction following Table 5.2 in Landcom (2004).
- Where discharging to erodible lands, ensure they outlet through a properly constructed level spreader.
- Construct the level spreader at the gradient specified on the ESCP or SWMP, normally less than 1 percent or level.
- Where possible, ensure they discharge waters onto either stabilised or undisturbed disposal sites within the same subcatchment area from which the water originated. Approval might be required to discharge into other subcatchments.

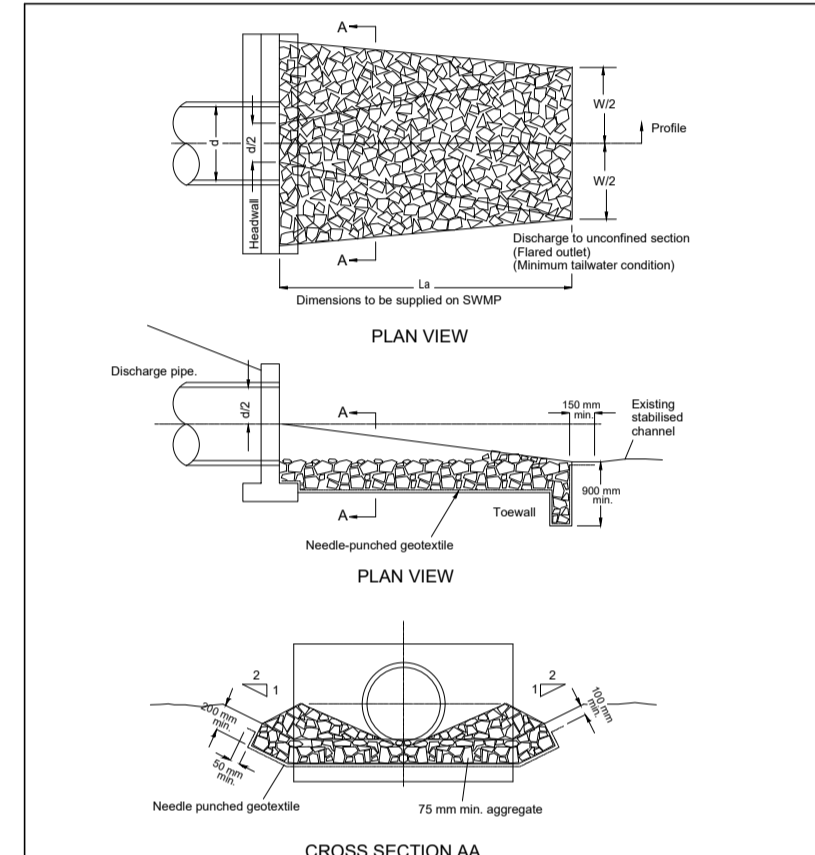
EARTH BANK (HIGH FLOWS) SD 5-6



Construction Notes

- Remove any rocks, clods, sticks or grass from the surface before laying matting.
- Ensure that topsoil is at least 75 mm deep.
- Complete fertilising and seeding before laying the matting.
- Ensure fabric will be continuously in contact with the soil by grading the surface carefully first.
- Lay the fabric in "single-fashion", with the end of each upstream roll overlapping those downstream. Ensure each roll is anchored properly at its upslope end.
- Ensure that the full width of flow in the channel is covered by the matting up to the design storm event, usually in the 10-year ARI time of concentration storm event.
- Divert water from the structure until vegetation is stabilised properly.

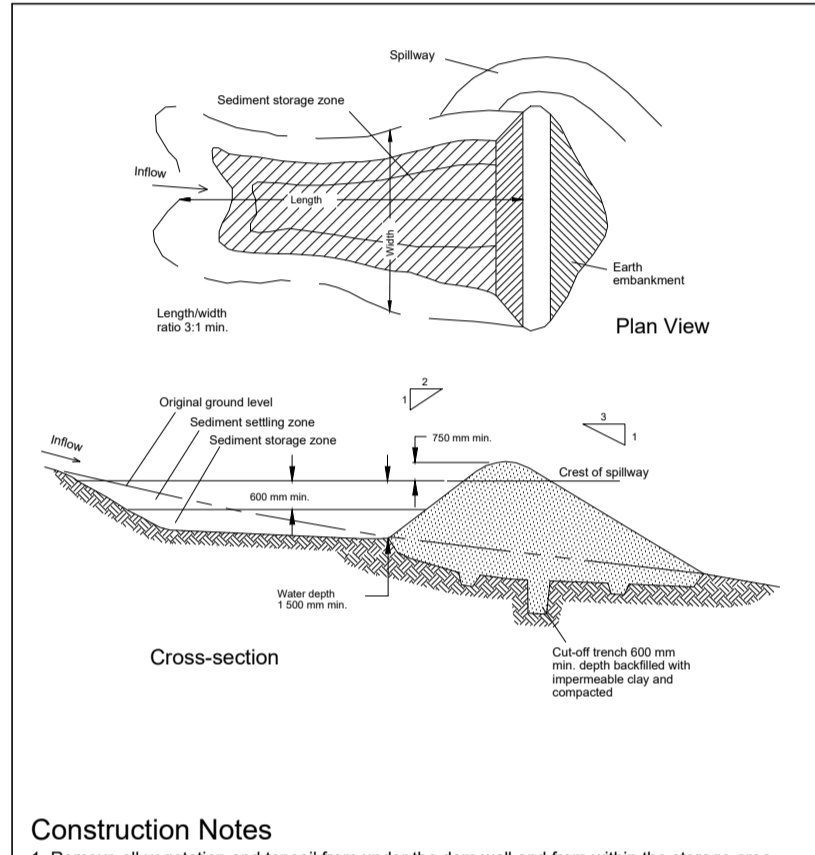
RECP : CONCENTRATED FLOW SD 5-7



Construction Notes

- Compact the subgrade fill to the density of the surrounding undisturbed material.
- Prepare a smooth, even foundation for the structure that will ensure that the needle-punctured geotextile does not sustain serious damage when covered with rock.
- Should any minor damage to the geotextile occur, repair it before spreading any aggregate. For repairs, patch one piece of fabric over the damage, making sure that all joints and patches overlap more than 300 mm.
- Lay rock following the drawing, according to Table 5.2 of Landcom (2004) and with a minimum diameter of 75 mm.
- Ensure that any concrete or riprap used for the energy dissipater or the outlet protection conforms to the grading limits specified on the SWMP.

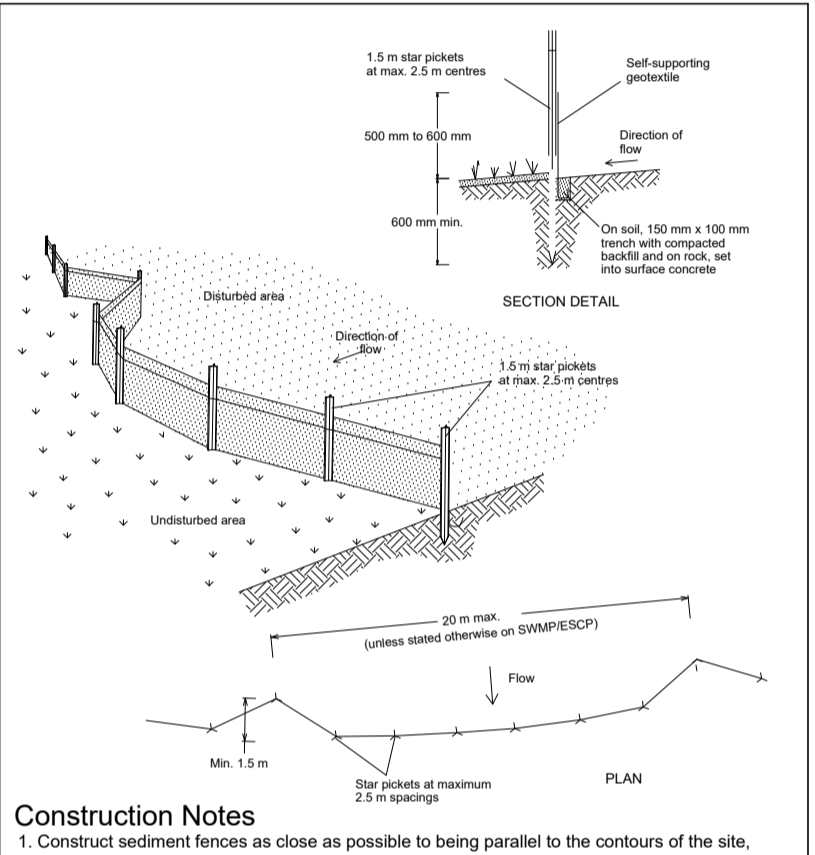
ENERGY DISSIPATER SD 5-8



Construction Notes

- Remove all vegetation and topsoil from under the dam wall and from within the storage area.
- Construct a cut-off trench 500 mm deep and 1,200 mm wide along the centreline of the embankment extending to a point on the gully wall level with the riser crest.
- Maintain the trench free of water and recompact the materials with equipment as specified in the SWMP to 95 per cent Standard Proctor Density.
- Select fill following the SWMP that is free of roots, wood, rock, large stone or foreign material.
- Prepare the site under the embankment by ripping to at least 100 mm to help bond compacted fill to the existing substrate.
- Spread the fill in 100 mm to 150 mm layers and compact it at optimum moisture content following the SWMP.
- Construct the emergency spillway.
- Rehabilitate the structure following the SWMP.

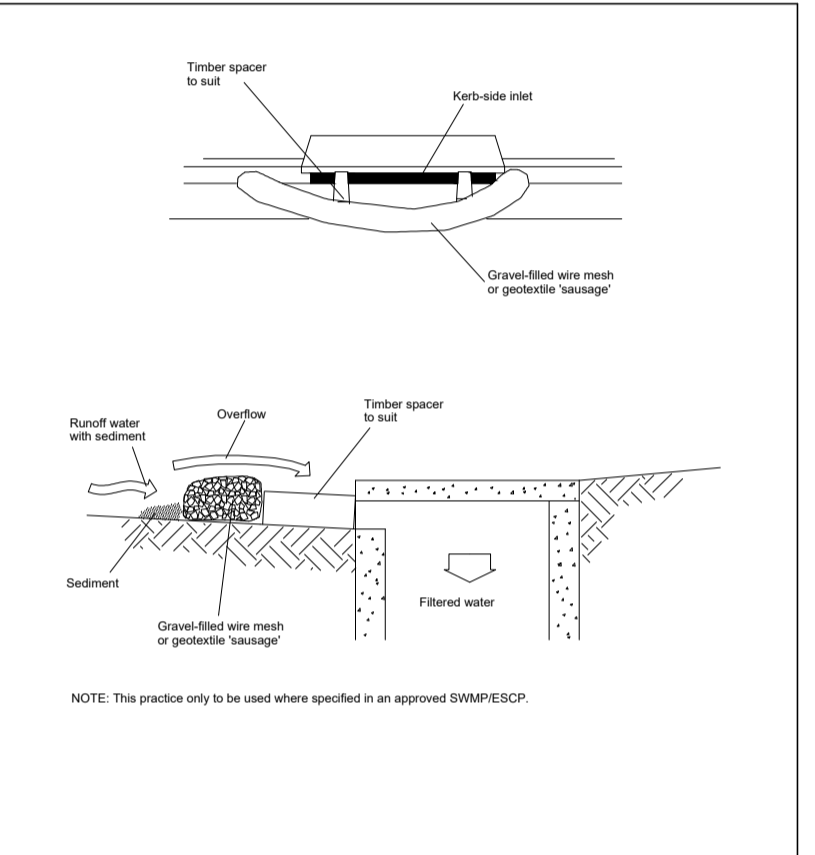
EARTH BASIN - WET (APPLIES TO TYPE F AND TYPE F SOILS ONLY) SD 6-4



Construction Notes

- Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit water flow if concentrated at one point to 50 litres per second in the design storm event, usually the 10-year event.
- Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
- Drive 1.5 metre long star pickets into ground at 2.5 metre intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
- Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
- Join sections of fabric at a support post with a 150-mm overlap.
- Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

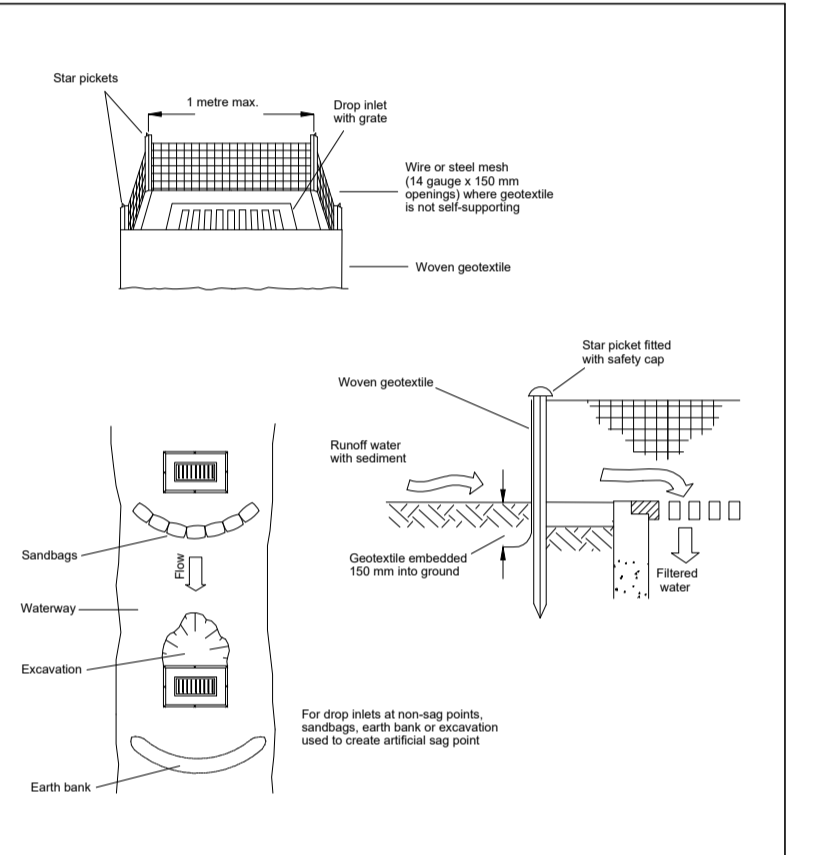
SEDIMENT FENCE SD 6-8



Construction Notes

- Install filters to kerb inlets only at sag points.
- Fabricate a sleeve made from geotextile or wire mesh longer than the length of the inlet pit and fill it with 25 mm to 50 mm gravel.
- Form an elliptical cross-section about 150 mm high x 400 mm wide.
- Place the filter at the opening leaving at least a 100-mm space between it and the kerb inlet. Maintain the opening with spacer blocks.
- Form a seal with the kerb to prevent sediment bypassing the filter.
- Sandbags filled with gravel can substitute for the mesh or geotextile providing they are placed so that they firmly abut each other and sediment-laden waters cannot pass between.

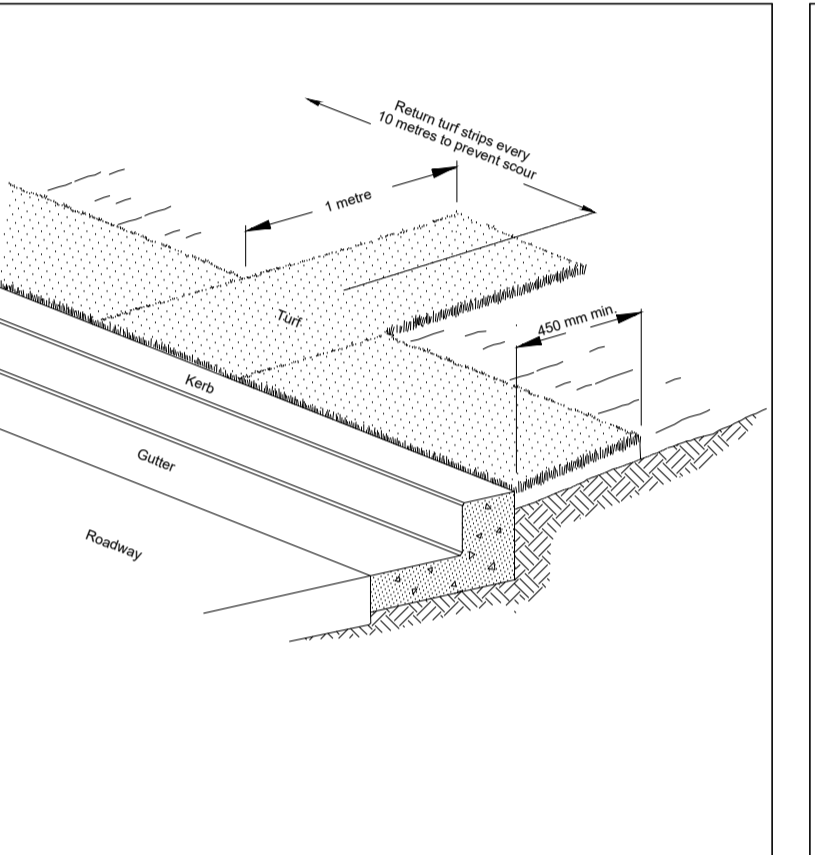
MESH AND GRAVEL INLET FILTER SD 6-11



Construction Notes

- Fabricate a sediment barrier made from geotextile or straw bales.
- Follow Standard Drawing 6-8 for installation procedures for the straw bales or geotextile. Reduce the picket spacing to 1 metre centres.
- In waterways, artificial sag points can be created with sandbags or earth banks as shown in the drawing.
- Do not cover the inlet with geotextile unless the design is adequate to allow for all waters to bypass it.

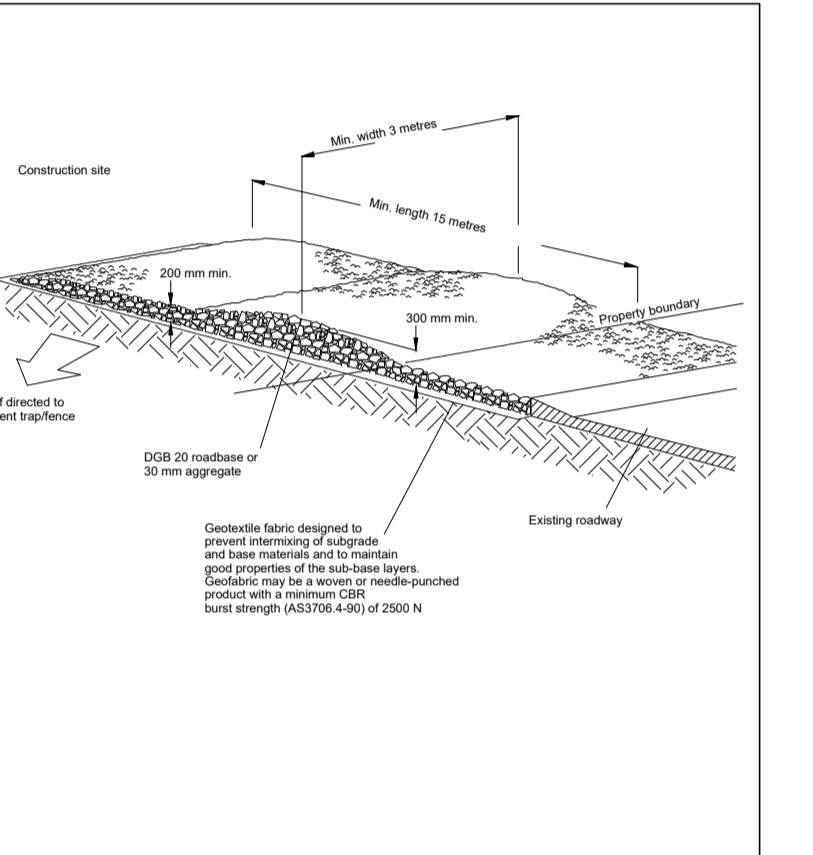
GEOTEXTILE INLET FILTER SD 6-12



Construction Notes

- Install a 450 mm minimum wide roll of turf on the footpath next to the kerb and at the same level as the top of the kerb.
- Lay 1.4 metre long turf strips normal to the kerb every 10 metres.
- Rehabilitate disturbed soil behind the turf strip following the ESCP/SWMP.

KERBSIDE TURF STRIP SD 6-13



Construction Notes

- Strip the topsoil, level the site and compact the subgrade.
- Cover the area with needle-punctured geotextile.
- Construct a 200 mm thick pad over the geotextile using road base or 30 mm aggregate.
- Ensure the structure is at least 15 metres long or to building alignment and at least 3 metres wide.
- Where a sediment fence joins onto the stabilised access, construct a hump in the stabilised access to divert water to the sediment fence.

STABILISED SITE ACCESS SD 6-14

SEDIMENTATION AND EROSION CONTROL DETAILS

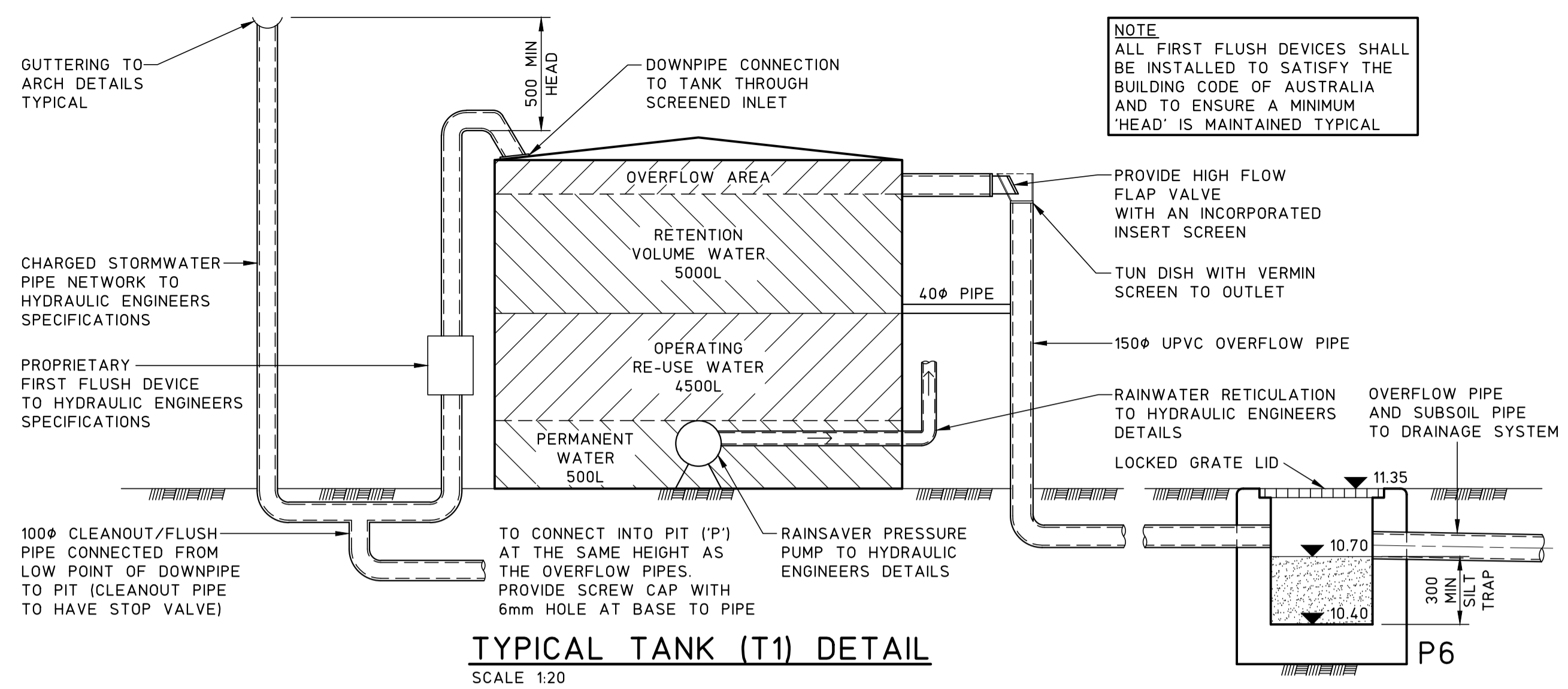
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2	DEVELOPMENT APPLICATION	13.9.18								DRAWN	ENGINEER	No in SET	SHEET
1	TENDER	9.3.18								G.R.B.	P.M	4	A1
0	90% COMPLETION	2.3.18								SCALES	JOB No	DRAWING No	ISSUE
	ISSUE	REASON FOR ISSUE	DATE	DATE OF RELEASE	RESPONSIBLE PRINCIPAL SIGNATURE	ISSUE				N.T.S.	18-347	C02	2

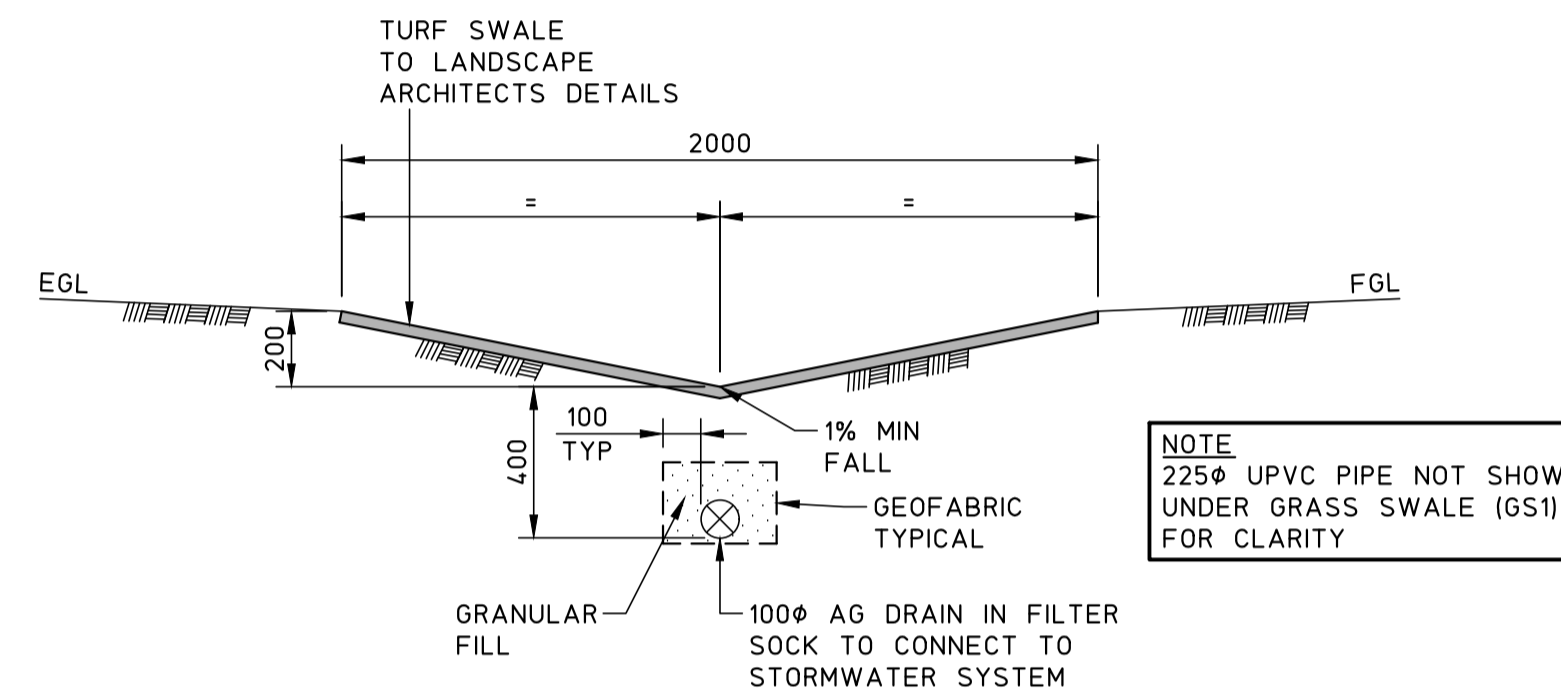
STORMWATER NOTES

- ALL WORKS TO BE IN ACCORDANCE WITH AS3500.3.
- ALL PIPES TO HAVE A 1% MINIMUM FALL U.N.O.
- ALL DOWN PIPES (DPI) TO BE SPECIFIED BY ARCHITECT. FOR EXACT LOCATION OF DOWN PIPES, REFER TO ARCHITECTURAL DRAWINGS.
- ALL PIPES TO BE UPVC U.N.O.
- ALL UPVC PIPES TO BE SEWER GRADE AND TO AS1260.
- ALL REINFORCED CONCRETE PIPES (RCP) TO BE SPIGOT AND SOCKET TYPE WITH RUBBER RINGS CLASS 2 TO AS4058.
- PITS TO BE C18 REINFORCED PRE-CAST CONCRETE PITS OR EQUIVALENT PROPRIETARY PITS.
- ALL LIDS AND GRATES TO BE PROPRIETARY HEAVY DUTY IN AREAS OF VEHICULAR TRAFFIC, LIGHT DUTY ELSEWHERE, IN ACCORDANCE WITH AS3996.
- MINIMUM COVER TO STORMWATER PIPES TO BE AS FOLLOW U.N.O:
TRAFFICABLE AREAS - 450mm, LANDSCAPED AREAS - 300mm.
- PIPES TO BE CONCRETE ENCASED IF MINIMUM COVERS CANNOT BE OBTAINED IN TRAFFICABLE AREAS, REFER TO CLAUSE 3.8 AS3500.3. ALTERNATIVELY USE UPVC SEWER GRADE PIPES UNDER ROAD AND BUILDINGS.
- PROVIDE 100φ AG DRAINS IN FILTER SOCKS TO ALL LANDSCAPED AREAS, PLANTER BEDS AND STORMWATER PIPE TRENCHES.
ALL AG DRAINS TO BE BEDDED IN COARSE AGGREGATE AND TO BE CONNECTED TO STORMWATER SYSTEM.
- ALL PITS, DETENTION TANKS AND PROPRIETARY POLLUTION CONTROL DEVICES TO BE CLEANED OF SEDIMENT AT 3 MONTH MAXIMUM INTERVALS.
- ALL EXISTING SERVICES TO BE LOCATED PRIOR TO COMMENCEMENT OF WORK.
- ANY FOOTPATHS, KERB AND GUTTER OR ROADWAY DISTURBED BY WORKS TO BE REINSTATED TO CURRENT COUNCIL REQUIREMENTS.
- PROVIDE ACCESS LADDER TO TANK AS REQUIRED, REFER TO AS1657.

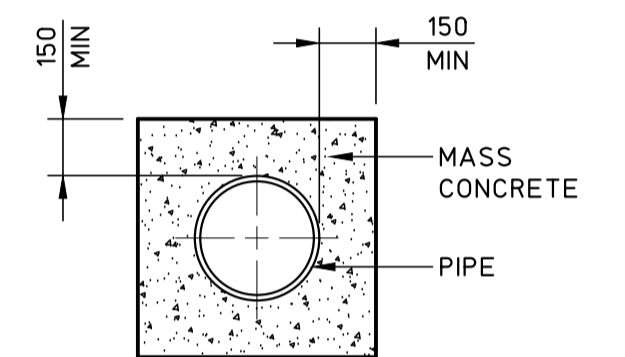
PIT SCHEDULE				
PIT No.	SIZE	TYPE	SURFACE LEVEL S.L.	INVERT LEVEL I.L.
P1	600x600	GRATED PIT	12.80	12.20
P2	600x600	GRATED PIT	12.20	11.60
P3	600x600	GRATED PIT	11.80	11.25
P4	600x600	GRATED PIT	11.60	11.10
P5	600x600	GRATED PIT	11.60	11.00
P6	600x600	GRATED PIT	11.35	10.70 (PIPE I.L.)
P7	600x600	GRATED PIT	11.05	10.50
P8	600x600	GRATED PIT	12.20	11.60
P9	600x600	GRATED PIT	12.00	11.40
P10	450x450	GRATED PIT	12.20	11.70
P11	450x450	GRATED PIT	12.20	11.60
P12	600x600	GRATED PIT	11.77	TO MATCH EXISTING
P13	600x600	GRATED PIT	13.70	13.00
P14	600x600	GRATED PIT	13.65	12.47
P15	600x600	GRATED PIT	13.35	12.30
P16	600x600	GRATED PIT	13.00	12.08



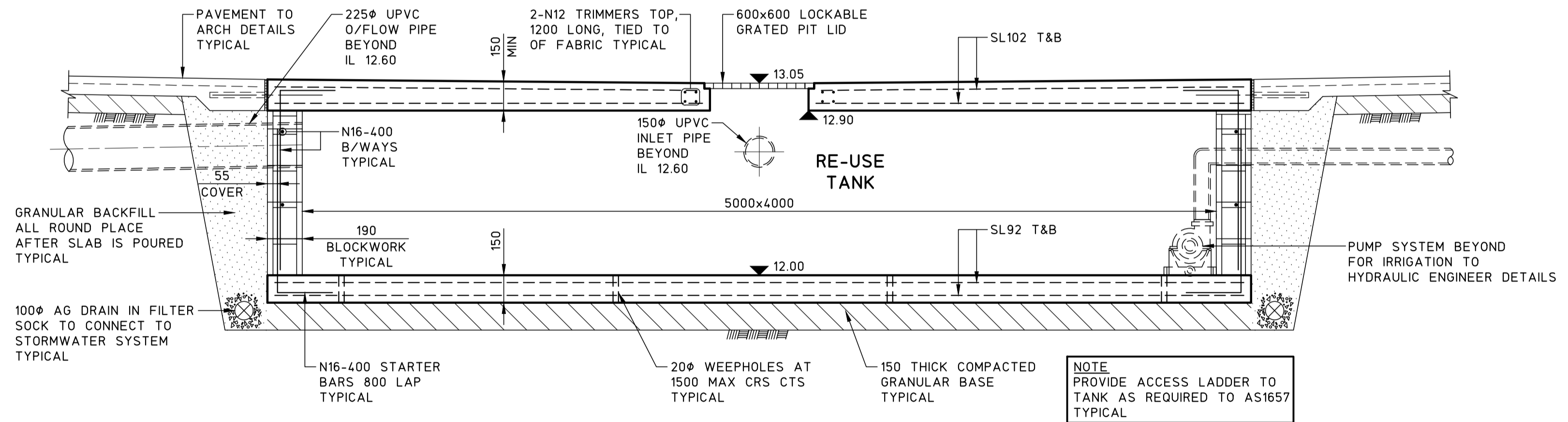
TYPICAL TANK (T1) DETAIL
SCALE 1:20



GRASS SWALE (GS1)
SCALE 1:20



TYPICAL PIPE ENCASEING DETAIL
SCALE 1:20
NOTE
PROVIDE CONCRETE ENCASEING TO STORMWATER PIPES WHERE COVER IS LESS THAN 400mm



TYPICAL RE-USE TANK SECTION
SCALE 1:20

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