

SUBJECT SITE



FLOOD PRONE LAND



METFORD PUBLIC SCHOOL

NOTE: ENTIRE AREA SHOWN HAS CLASS 5 ACID SULPHATE SOILS POTENTIAL

locality assessment

Hunter River Community School

01

Sept. 2012



1. DRAINAGE RESERVE



2. SERVICE STATION



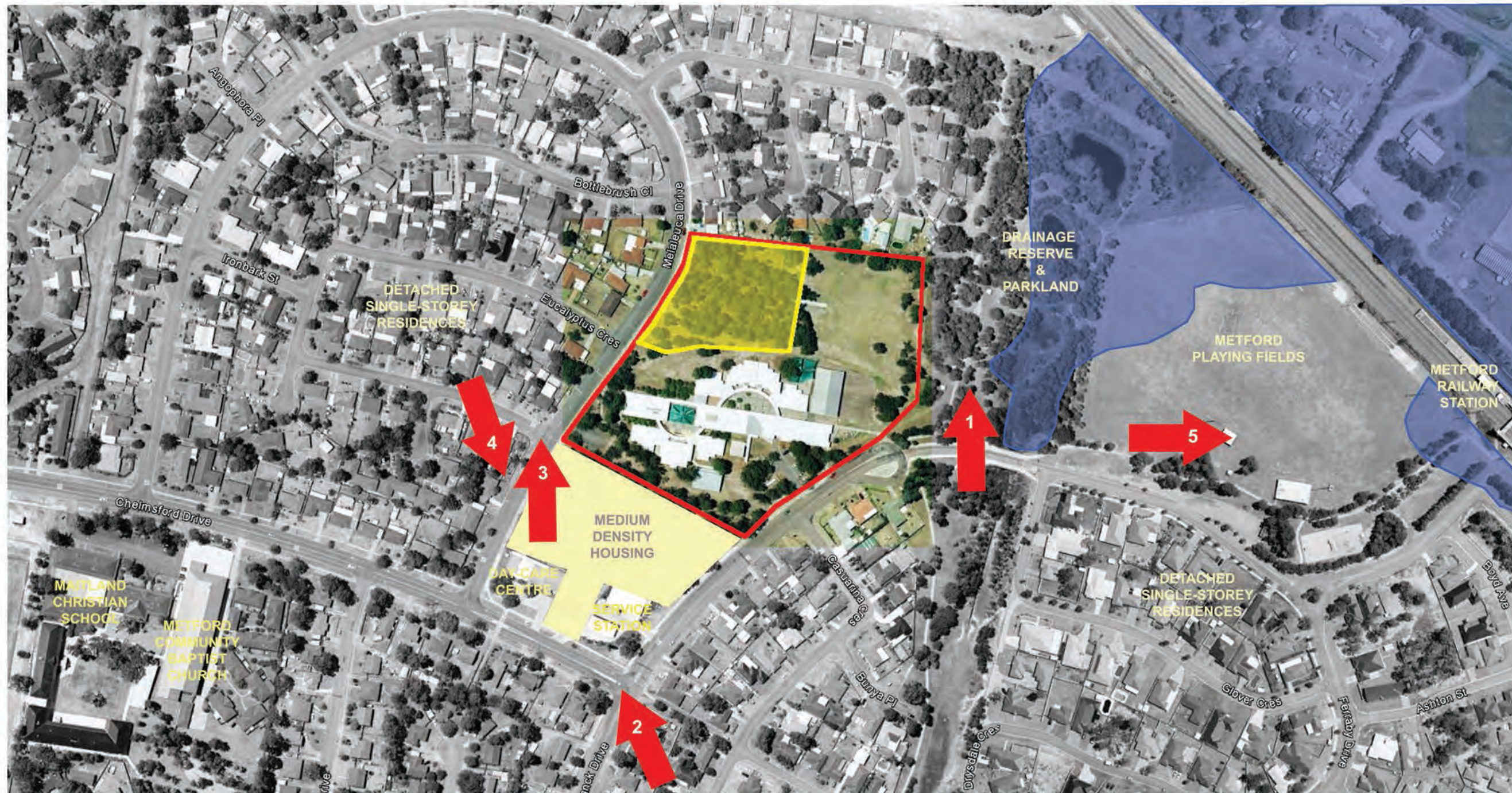
3. RESIDENTIAL DEVELOPMENT



4. MEDIUM DENSITY HOUSING



5. PLAYING FIELDS & STATION



Public Works
Project Management



Education &
Communities



site details:

Melaleuca Drive
Metford

client:
NSW Government
Public Works

drawn:
PMW

date:
28.09.12

job number:
9597.5

scale:
NTS

rev. number:
A



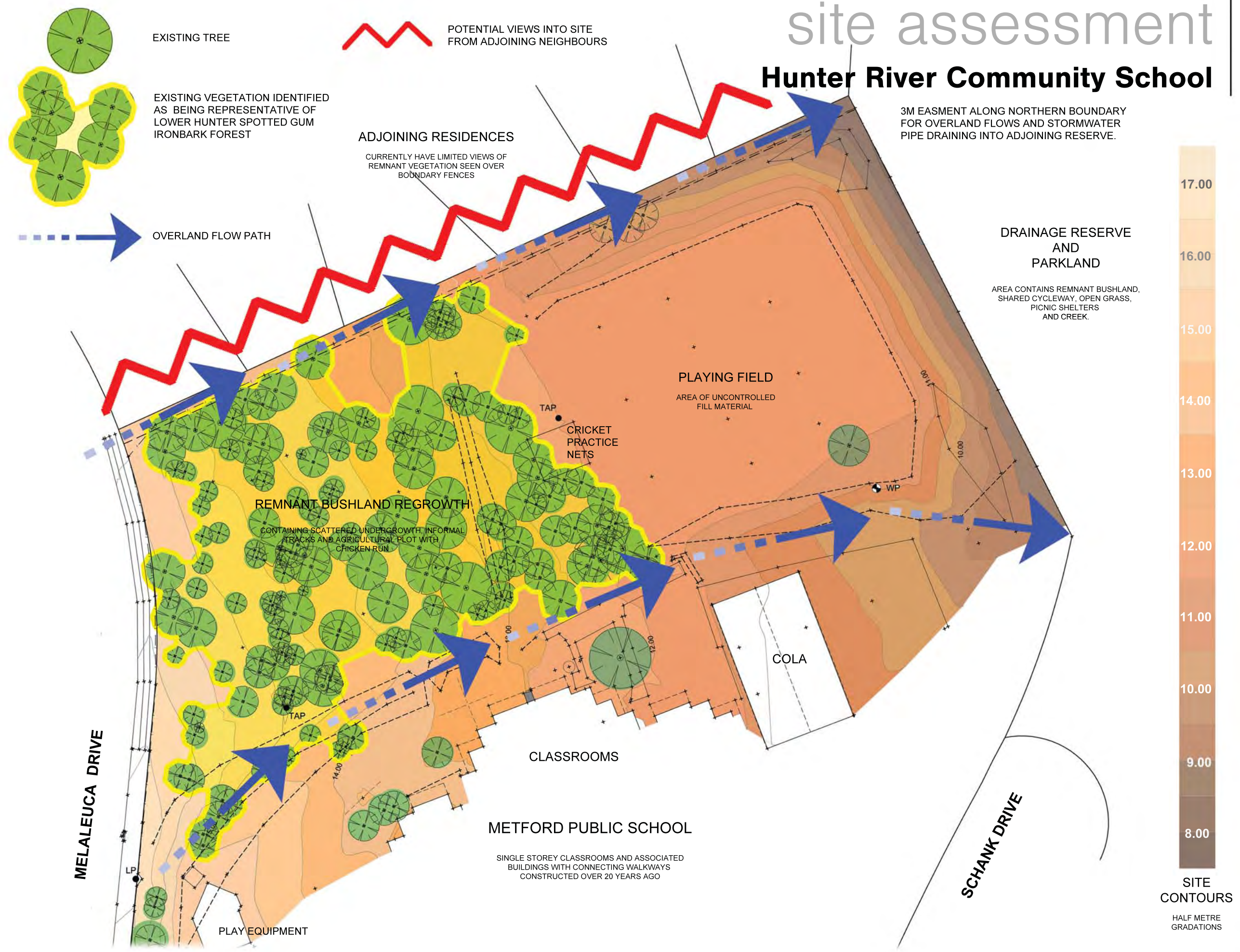
site assessment

02

Sept. 2012

Hunter River Community School

3M EASMENT ALONG NORTHERN BOUNDARY FOR OVERLAND FLOWS AND STORMWATER PIPE DRAINING INTO ADJOINING RESERVE.



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DRAWN: B BROWN
DESIGNED: A KNIGHT
JOB MANAGER: T BAILEY
VERIFIER: B CLARK


| REVISION | DESCRIPTION | ISSUED | VER'D | APP'D | DATE |
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| A | ISSUED FOR APPROVAL | BB | BC | AK | 27.09.12 |
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**Public Works**
Project Management

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PLANS 1:500
0 5 10 15 20 25m

**Northrop**
Newcastle
Level 1, 215 Pacific Hwy, Charlestown NSW 2290
Ph (02) 4943 1777 Fax (02) 4943 1577
P.O. Box 180, Charlestown NSW 2290
Email newcastle@northrop.com.au ABN 81 094 433 100

PROJECT
HUNTER RIVER COMMUNITY SCHOOL
MELALEUCA DR, METFORD, NSW

DRAWING TITLE
**SEDIMENT & EROSION
CONTROL PLAN**

JOB NUMBER
NL120355

DRAWING NUMBER
C01DA

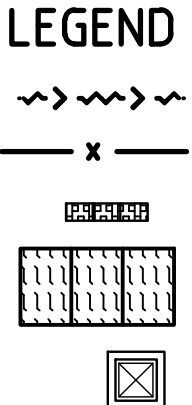
REVISION
A

DRAWING SHEET SIZE ± A1

APPROVAL

SEDIMENT & EROSION
CONTROL PLAN

LEGEND



DENOTES CUT OFF SWALE.

DENOTES SITE & SEDIMENT CONTROL FENCE.

DENOTES STAKED BALES.

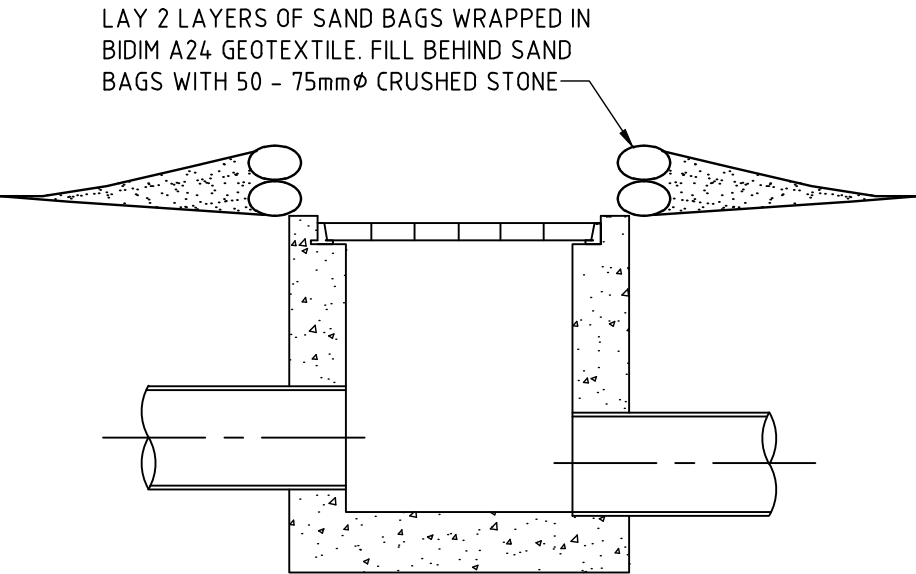
DENOTES STABILISED SITE ACCESS.

DENOTES PROPOSED STORMWATER PIT.

SEDIMENT & EROSION CONTROL NOTES

1. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH RELEVANT ORDINANCES AND REGULATIONS; NOTE IN PARTICULAR THE REQUIREMENTS OF LANDCOMS MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION (THE 'BLUE BOOK').
2. INSTALL SEDIMENT PROTECTION FILTERS ON ALL NEW AND EXISTING STORMWATER INLET PITS IN ACCORDANCE WITH EITHER THE MESH AND GRAVEL INLET FILTER DETAIL SD6-11 OR THE GEOTEXTILE INLET FILTER DETAIL SD6-12 OF THE 'BLUE BOOK'.
3. ESTABLISH ALL REQUIRED SEDIMENT FENCES IN ACCORDANCE WITH DETAIL SD6-8 OF THE 'BLUE BOOK'.
4. INSTALL SEDIMENT FENCING AROUND INDIVIDUAL BUILDING ZONES/AREAS AS REQUIRED AND AS DIRECTED BY THE SUPERINTENDENT.
5. ALL TRENCHES INCLUDING ALL SERVICE TRENCHES AND SWALE EXCAVATION SHALL BE SIDE-CAST TO THE HIGH SIDE AND CLOSED AT THE END OF EACH DAY'S WORK.
6. THE CONTRACTOR SHALL ENSURE THAT ALL VEGETATION (TREE, SHRUB & GROUND COVER) WHICH IS TO BE RETAINED SHALL BE PROTECTED DURING THE DURATION OF CONSTRUCTION. REFER ARCHITECTS PLANS FOR TREES TO BE KEPT.
7. ALL VEGETATION TO BE REMOVED SHALL BE MULCHED ONSITE AND SPREAD/STOCKPILED AS DIRECTED BY THE SUPERINTENDENT.
8. STRIP TOPSOIL IN AREAS DESIGNATED FOR STRIPPING AND STOCKPILE FOR RE-USE AS REQUIRED. ANY SURPLUS MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH EPA GUIDELINES.
9. CONSTRUCT AND MAINTAIN ALL MATERIAL STOCKPILES IN ACCORDANCE WITH DETAIL SD4-1 OF THE 'BLUE BOOK' (INCLUDING CUT-OFF SWALES TO THE HIGH SIDE AND SEDIMENT FENCES TO THE LOW SIDE).
10. ENSURE STOCKPILES DO NOT EXCEED 2.0m HIGH. PROVIDE WIND AND RAIN EROSION PROTECTION AS REQUIRED IN ACCORDANCE WITH THE 'BLUE BOOK'.
11. PROVIDE WATER TRUCKS OR SPRINKLER DEVICES DURING CONSTRUCTION AS REQUIRED TO SUPPRESS DUST.
12. ONCE CUT/FILL OPERATIONS HAVE BEEN FINALIZED ALL DISTURBED AREAS THAT ARE NOT BEING WORKED ON SHALL BE RE-VEGETATED AS SOON AS IS PRACTICAL.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING A DETAILED WRITTEN RECORD OF ALL EROSION & SEDIMENT CONTROLS ON-SITE DURING THE CONSTRUCTION PERIOD. THIS RECORD SHALL BE UPDATED ON A DAILY BASIS & SHALL CONTAIN DETAILS ON THE CONDITION OF CONTROLS AND ANY/ALL MAINTENANCE, CLEANING & BREACHES. THIS RECORD SHALL BE KEPT ON-SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE FOR INSPECTION BY THE PRINCIPAL CERTIFYING AUTHORITY AND THE SUPERINTENDENT DURING NORMAL WORKING HOURS.
14. WATER CAPTURED WITHIN THE SEDIMENT BASIN DURING CONSTRUCTION SHALL BE FLOCCULATED AND SETTLED BEFORE DISCHARGING TO THE CREEK AS SHOWN ON PLAN. THE DISCHARGE OF WATER SHALL OCCUR ONLY WHEN THE SUSPENDED SOLIDS (SS) CONCENTRATION DROPS BELOW 50mg/L. TESTING OF SS CONCENTRATION SHALL BE UNDERTAKEN PRIOR TO DISCHARGE WITH DISCHARGE AND TESTING BEING CONDUCTED IN ACCORDANCE WITH APPENDIX E OF THE 'BLUE BOOK'. PROVIDE PUMPING EQUIPMENT TO DISCHARGE WATER AS NECESSARY.

THE CONTRACTOR SHALL ENSURE COUNCIL ASSETS AND THE UTILITIES ARE PROTECTED AT ALL TIMES. ANY AND ALL DAMAGES TO COUNCIL ASSETS AND/OR UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR TO THE SPECIFICATION OF COUNCIL AND THE UTILITIES AUTHORITY AND AT NO COST TO THE PRINCIPAL OR NORTHROP CONSULTING ENGINEERS.

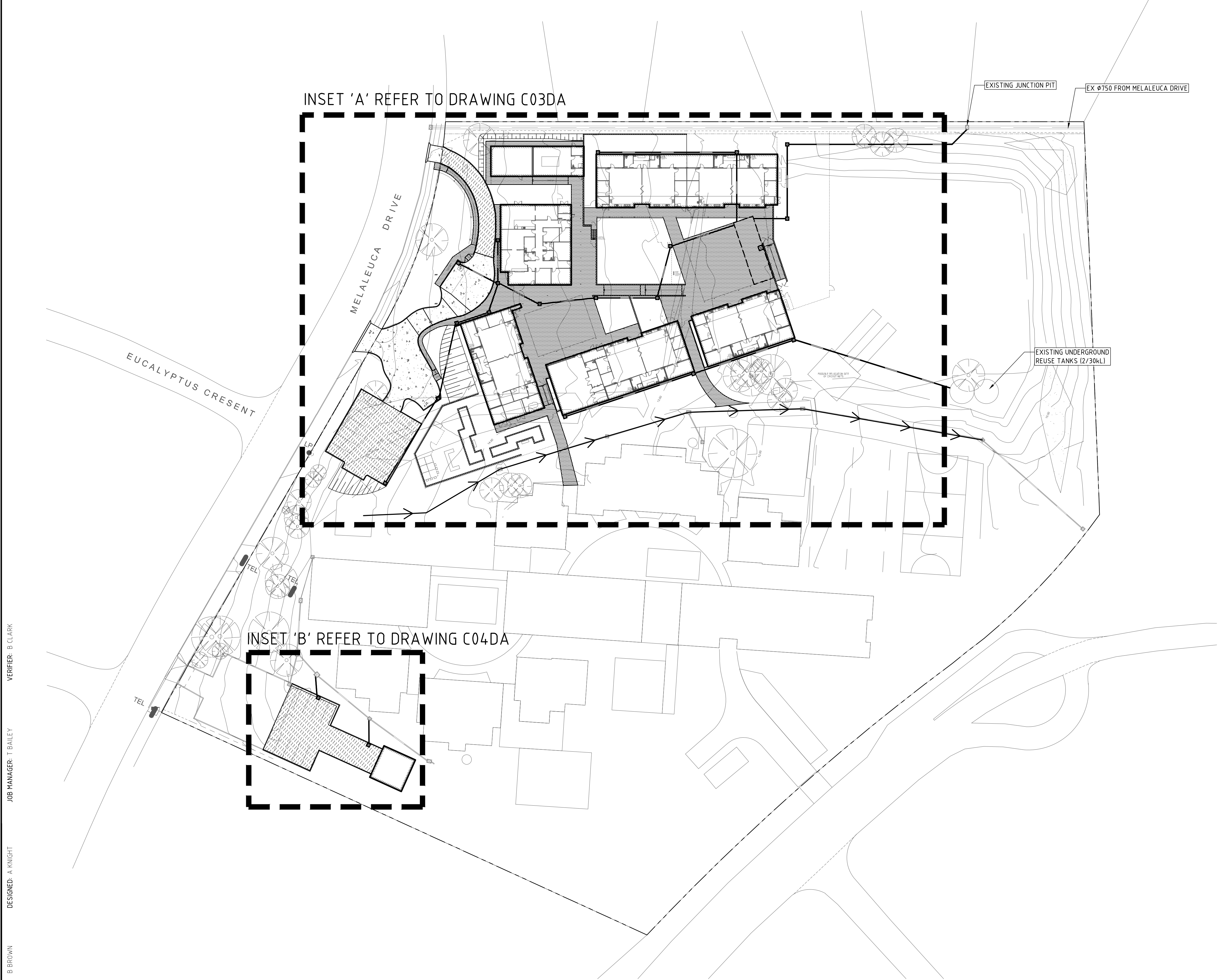


PIT PROTECTION DETAIL
(ALTERNATIVE DETAIL SD6-11 OR SD6-12 OF THE BLUE BOOK AS APPROPRIATE)

INSTALL PIT PROTECTION TO ALL NEW & EXISTING STORMWATER PITS.

TEMPORARY CONTRACTORS VEHICULAR ACCESS POINT. CONSTRUCT A STABILIZED SITE ACCESS IN ACCORDANCE WITH DETAIL SD6-14 OF THE 'BLUE BOOK'. OR ALTERNATIVELY PROVIDE A SHAKEDOWN 'CATTLE GRID' AT THE ENTRANCE POINT TO REDUCE THE LIKELIHOOD OF SEDIMENT BEING TRAFFICKED OFF-SITE.

DRAWN: B BROWN
DESIGNED: A KNIGHT
JOB MANAGER: T BAILEY
VERIFIER: B CLARK



LEGEND

- PIT CL 14.25 DENOTES PROPOSED STORMWATER PIT AND COVER LEVEL.
- EX PIT DENOTES EXISTING STORMWATER PIT.
- DENOTES PROPOSED STORMWATER DRAINAGE PIPE.
- DENOTES EXISTING STORMWATER DRAINAGE PIPE.
- FFL 14.30 DENOTES PROPOSED FINISHED FLOOR LEVEL.
- BPL 14.20 DENOTES PROPOSED FINISHED SURFACE LEVEL.
- EX 14.20 DENOTES EXISTING FINISHED SURFACE LEVEL.
- MTE DENOTES MATCH TO EXISTING LEVELS.
- FALL DENOTES PROPOSED DIRECTION OF FALL IN FINISHED SURFACE.
- DENOTES EXTENT OF PROPOSED CONCRETE DRIVEWAY PAVEMENT.
- DENOTES EXTENT OF PROPOSED FOOTPATH PAVEMENT.
- DENOTES EXTENT OF PROPOSED AC DRIVEWAY PAVEMENT.
- DENOTES PROPOSED RETAINING WALL
- T DENOTES BELOW GROUND REUSE TANK.
- DENOTES PROPOSED OVERLAND FLOW PATH
- 12.50 DENOTES PROPOSED DESIGN CONTOURS

NOTE: ALL SURFACE INLET PITS TO HAVE ENVIRO POD FILTER INSERTS


APPROVAL

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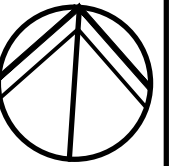
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ARCHITECT

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PLANS 1500

0 5 10 15 20 25m



Newcastle

Level 1, 215 Pacific Hwy, Charlestown NSW 2290
Ph (02) 4943 1777 Fax (02) 4943 1577
P.O. Box 180, Charlestown NSW 2290
Email newcastle@northrop.com.au ABN 81 094 433 100

PROJECT

HUNTER RIVER COMMUNITY SCHOOL
MELALEUCA DR, METFORD, NSW

DRAWING TITLE

SITE STORMWATER
MANAGEMENT PLAN

JOB NUMBER

NL120355

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|----------------|----------|
| DRAWING NUMBER | REVISION |
| C02DA | A |

DRAWING SHEET SIZE = A1



DRAWN: B BROWN
DESIGNED: A KNIGHT
JOB MANAGER: T BAILEY
VERIFIER: B CLARK


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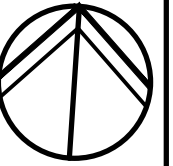
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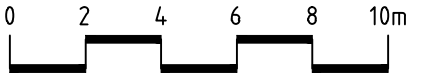
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PLANS 1:200



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NORTHTROP
Newcastle

Level 1, 215 Pacific Hwy, Charlestown NSW 2290
Ph (02) 4943 1777 Fax (02) 4943 1577
P.O. Box 180, Charlestown NSW 2290
Email newcastle@northrop.com.au ABN 81 094 433 100

PROJECT

HUNTER RIVER COMMUNITY SCHOOL
MELALEUCA DR, METFORD, NSW

DRAWING TITLE

INSET 'A' STORMWATER
MANAGEMENT PLAN

JOB NUMBER

NL120355

DRAWING NUMBER

C03DA

REVISION

A

DRAWING SHEET SIZE ± A1

APPROVAL

REFER TO DRAWING C02DA FOR LEGEND




DRAWN: B BROWN
DESIGNED: A KNIGHT
JOB MANAGER: T BAILEY
VERIFIER: B CLARK

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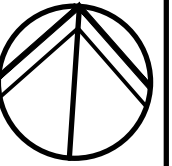
**Public Works**
Project Management

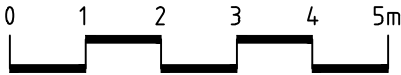
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ARCHITECT

**EJE**
architects

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**PLANS 1:100**


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PROJECT

HUNTER RIVER COMMUNITY SCHOOL
MELALEUCA DR, METFORD, NSW

DRAWING TITLE

**INSET 'B' STORMWATER
MANAGEMENT PLAN**

JOB NUMBER

NL120355

DRAWING NUMBER

C04DA

REVISION

A

DRAWING SHEET SIZE = A1

APPROVAL

MELALEUCA DRIVE

REFER TO DRAWING C02DA FOR LEGEND

PROVIDE NEW LAYBACK & VEHICULAR CROSS OVER TO MCC STANDARDS

CONNECT OUTLET PIPE TO EXISTING PIT DOWNSTREAM. LOCATION TO BE CONFIRMED PRIOR TO CONSTRUCTION

UNDERGROUND TANK PROVIDING 118.75m³ OF DETENTION (5m WIDE x 16m LONG x 1.49m DEEP. DETAILS TO BE PROVIDED AT CC STAGE). THE MAXIMUM PERMISSIBLE DISCHARGE FROM TANK IS 30.95L/s WHICH WILL BE CONTROLLED BY A Ø109mm ORIFICE

AREA OF ROOF RUNOFF BYPASSING DETENTION TANK & BEING CONNECTED TO EXISTING REUSE SYSTEM

SOUTHERN DOWN PIPES TO DISCHARGE TO EXISTING HARVESTING TANK

POSSIBLE RELOCATION SITE OF CRICKET NETS

PROVIDE NEW LAYBACK & VEHICULAR CROSS OVER TO MCC STANDARDS

VERIFIER: B CLARK

JOB MANAGER: T BAILEY

DESIGNED: A KNIGHT

DRAWN: B BROWN

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NSW GOVERNMENT
Public Works
Project Management

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ARCHITECT
EJE

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PLANS 1:200

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Email newcastle@northrop.com.au ABN 81 094 433 100

PROJECT
HUNTER RIVER COMMUNITY SCHOOL
MELALEUCA DR, METFORD, NSW

DRAWING TITLE
OVERLAND FLOW SECTIONS

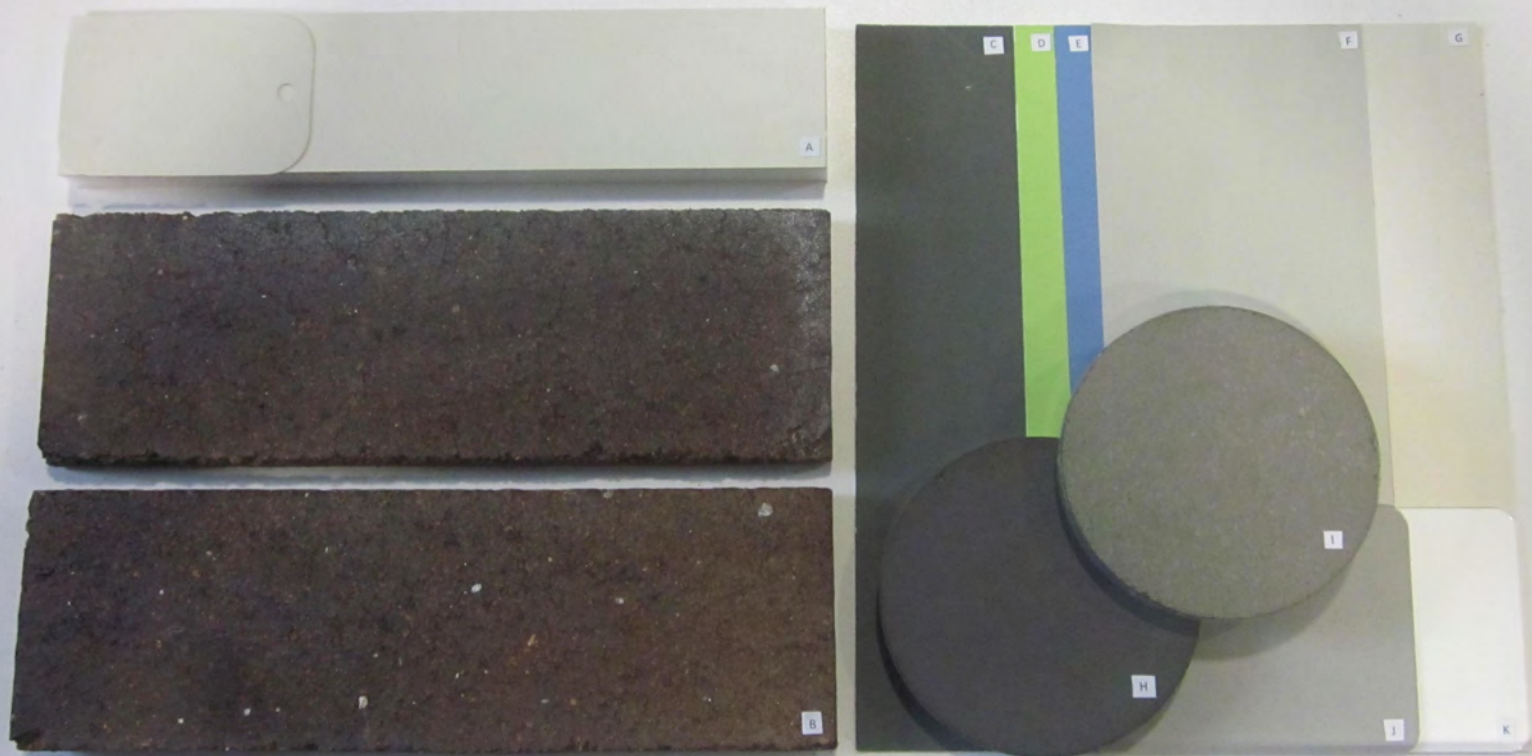
APPROVAL

JOB NUMBER
NL120355

DRAWING NUMBER
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REVISION

DRAWING SHEET SIZE = A1



HUNTER RIVER COMMUNITY SCHOOL
PROJECT 9597

EXTERIOR FINISHES

SEPT 2012

- A PREFINISHED STEEL COLOUR TO ROOF SHEETING, FASCIA, GUTTERS AND DOWNPIPES
- B GENERAL BRICKWORK
- C COLOUR TO B.O.H. DOORS LEAVES AND FRAMING
- D EXAMPLE OF FEATURE DOOR COLOUR TO SOUTH BUILDING
- E EXAMPLE OF FEATURE DOOR COLOUR TO NORTH BUILDING
- F DOOR COLOUR TO ADMINISTRATION
- G INDICATIVE COLOUR TO STEEL WALL CLADDING
- H CONCRETE COLOUR A
- I CONCRETE COLOUR B
- J COLOUR TO LOUVRES, WINDOW AND DOOR FRAMING
- K COLOUR TO ROOF VENTILATION