

MAX 30m CENTRES AND DISCHARGING TO DRAINAGE STRUCTURES @ MAX 60m CENTRES.

ISSUED VER'D APP'D DATE

DESCRIPTION

ISSUED FOR CONSTRUCTION CERTIFICATE APPROVAL

50% ISSUE FOR REVIEW

FOR DESIGN COORDINATION

FOR APPROVAL

**ISSUED FOR APPROVAL** 

NL171278

DRAWING SHEET SIZE = A1

OUTLET

OUTLET

ON HOLD

CLIENT ARCHITECT DRAWING TITLE DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT AND ON SITE BEFORE MAKING SHOP DRAWINGS OF PROPOSED DEVELOPMENT **CIVIL DETAILS** COMMENCING WORK. DOMAGROUP BATESSMART 17.08.18 NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE 42 HONEYSUCKLE DRIVE. SHEET 1 DRAWING NUMBER USABILITY, COMPLETENESS OR SCALE OF DRAWINGS 16.01.19 TRANSFERRED ELECTRONICALLY Newcastle **NEWCASTLE N.S.W. 2300** CP 05.03.19 CC-02-C6.0 Suite 4, 215 Pacific Hwy, Charlestown NSW 2290 DETAILS 1:20 0 200 400 600 800 1000 P.O. Box 180, Charlestown NSW 2290 Ph (02) 4943 1777 Fax (02) 4943 1577 DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP Email newcastle@northrop.com.au ABN 81 094 433 100 SIGNATURE HAS BEEN ADDED DETAILS 1:10 0 100 200 300 400 500 CONSULTING ENGINEERS PTY LTD.

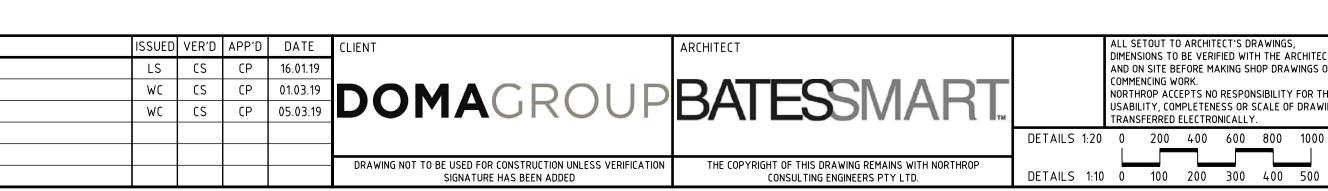
ALL SETOUT TO ARCHITECT'S DRAWINGS,

DESCRIPTION

FOR DESIGN COORDINATION

FOR APPROVAL

FOR APPROVAL



ALL SETOUT TO ARCHITECT'S DRAWINGS, DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT AND ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING WORK.

NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE
USABILITY, COMPLETENESS OR SCALE OF DRAWINGS
TRANSFERRED ELECTRONICALLY. DETAILS 1:20 0



PROPOSED DEVELOPMENT 42 HONEYSUCKLE DRIVE, **NEWCASTLE N.S.W. 2300** 

DRAWING TITLE

**CIVIL DETAILS** SHEET 2

NL171278

**ISSUED FOR APPROVAL** 

CC-02-C6.1

DRAWING SHEET SIZE = A1

4	VARIES ►		
PILE CAP TO STRUCTURAL ENGINEERS DETAIL			
MAX 600mm 150mm ROCKER PIPE		MAX 150mm MAX 600mm ROCKER PIPE	
FALL MIN 0.5%		FALL MIN 0.5%	
PIPE CAST INTO PILE CAP.  PROVIDE 10mm  ABELFLEX WRAP.		COORDINATE PENETRATION WITH STRUCTURAL REINFORCEMENT	
ROCKER PIPE CONNECTION DETAIL			