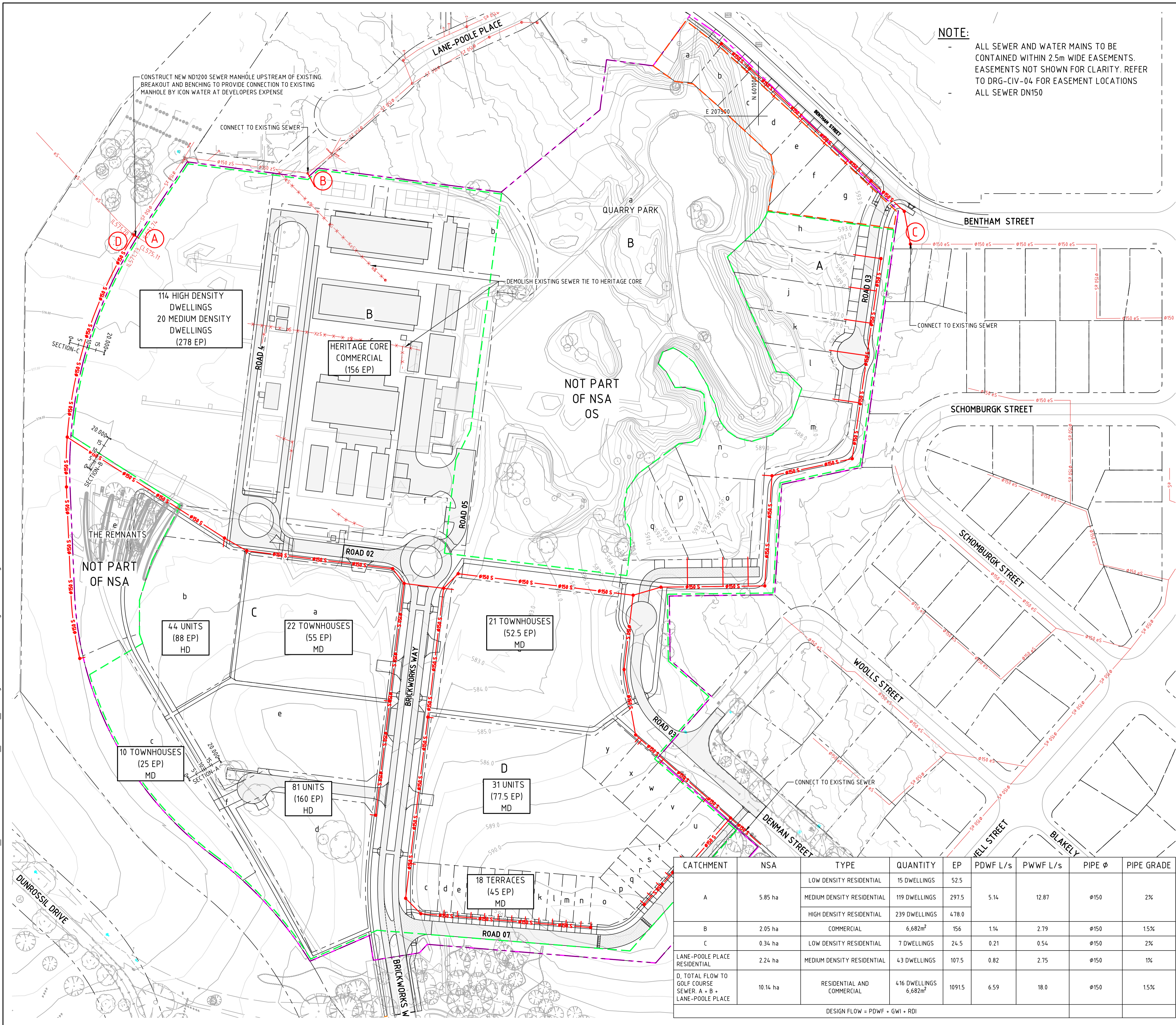


File Name: P:\2019\191148\_Yarralumla-Brickworks\04\_CAD\4\_2\_Drawings\CIV\EDP\191148-drg-civ-11-00.dwg



**NOTE:**  
 ALL SEWER AND WATER MAINS TO BE CONTAINED WITHIN 2.5m WIDE EASEMENTS. EASEMENTS NOT SHOWN FOR CLARITY. REFER TO DRG-CIV-04 FOR EASEMENT LOCATIONS  
 ALL SEWER DN150

CONSTRUCT NEW DN1200 SEWER MANHOLE UPSTREAM OF EXISTING BREAKOUT AND BENCHING TO PROVIDE CONNECTION TO EXISTING MANHOLE BY ICON WATER AT DEVELOPERS EXPENSE

CONNECT TO EXISTING SEWER

DEMOLISH EXISTING SEWER TIE TO HERITAGE CORE

CONNECT TO EXISTING SEWER

CONNECT TO EXISTING SEWER

Status

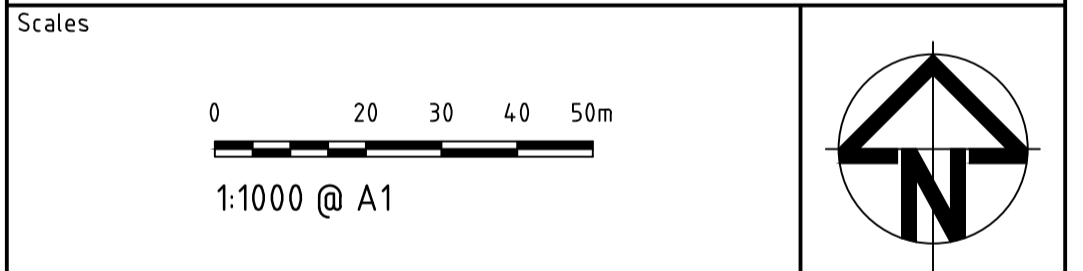
**NOT FOR CONSTRUCTION**

DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS ON SITE PRIOR TO WORK.  
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T	EDP SUBMISSION	31.07.2023	MN
S	EDP SUBMISSION	10.07.2023	MN
R	EDP SUBMISSION	22.06.2023	RT
Q	EDP SUBMISSION	16.06.2023	RT
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O	EIS COMMENTS ADDRESSED	11.10.2022	RT
N	EDP SUBMISSION	20.07.2022	RT
Rev	Description	Date	Drawn By

**LEGEND**

	LEASE BOUNDARY
	PROPOSED BLOCK BOUNDARY
	EXISTING TREE TO RETAINED
	PROPOSED CONTOUR
	EXISTING CONTOUR
	CATCHMENT NODE
	SEWER CATCHMENT AREA 1 (TO GOLF COURSE)
	SEWER CATCHMENT AREA 2 (TO BENTHAM STREET)
	SEWER MANHOLE, PIPE END CAP
	NEW SEWER MAIN
	EXISTING SEWER MAIN
	SEWER MAIN TO BE DISCONNECTED



CATCHMENT	NSA	TYPE	QUANTITY	EP	PDWF L/s	PWWF L/s	PIPE Ø	PIPE GRADE
A	5.85 ha	LOW DENSITY RESIDENTIAL	15 DWELLINGS	52.5	5.14	12.87	Ø150	2%
		MEDIUM DENSITY RESIDENTIAL	119 DWELLINGS	297.5				
		HIGH DENSITY RESIDENTIAL	239 DWELLINGS	478.0				
B	2.05 ha	COMMERCIAL	6,682m <sup>2</sup>	156	1.14	2.79	Ø150	15%
C	0.34 ha	LOW DENSITY RESIDENTIAL	7 DWELLINGS	24.5	0.21	0.54	Ø150	2%
LANE-POOLE PLACE RESIDENTIAL	2.24 ha	MEDIUM DENSITY RESIDENTIAL	43 DWELLINGS	107.5	0.82	2.75	Ø150	1%
D, TOTAL FLOW TO GOLF COURSE SEWER. A + B + LANE-POOLE PLACE	10.14 ha	RESIDENTIAL AND COMMERCIAL	416 DWELLINGS 6,682m <sup>2</sup>	1091.5	6.59	18.0	Ø150	15%

DESIGN FLOW = PDWF + GWI + RDI

114 HIGH DENSITY DWELLINGS  
 20 MEDIUM DENSITY DWELLINGS  
 (278 EP)

HERITAGE CORE  
 COMMERCIAL  
 (156 EP)

44 UNITS  
 (88 EP)  
 HD

22 TOWNHOUSES  
 (55 EP)  
 MD

21 TOWNHOUSES  
 (52.5 EP)  
 MD

10 TOWNHOUSES  
 (25 EP)  
 MD

81 UNITS  
 (160 EP)  
 HD

31 UNITS  
 (77.5 EP)  
 MD

18 TERRACES  
 (45 EP)  
 MD