# 12-18 LEIGH AVE, ROSELANDS NSW 2196 CIVIL ENGINEERING WORKS PACKAGE

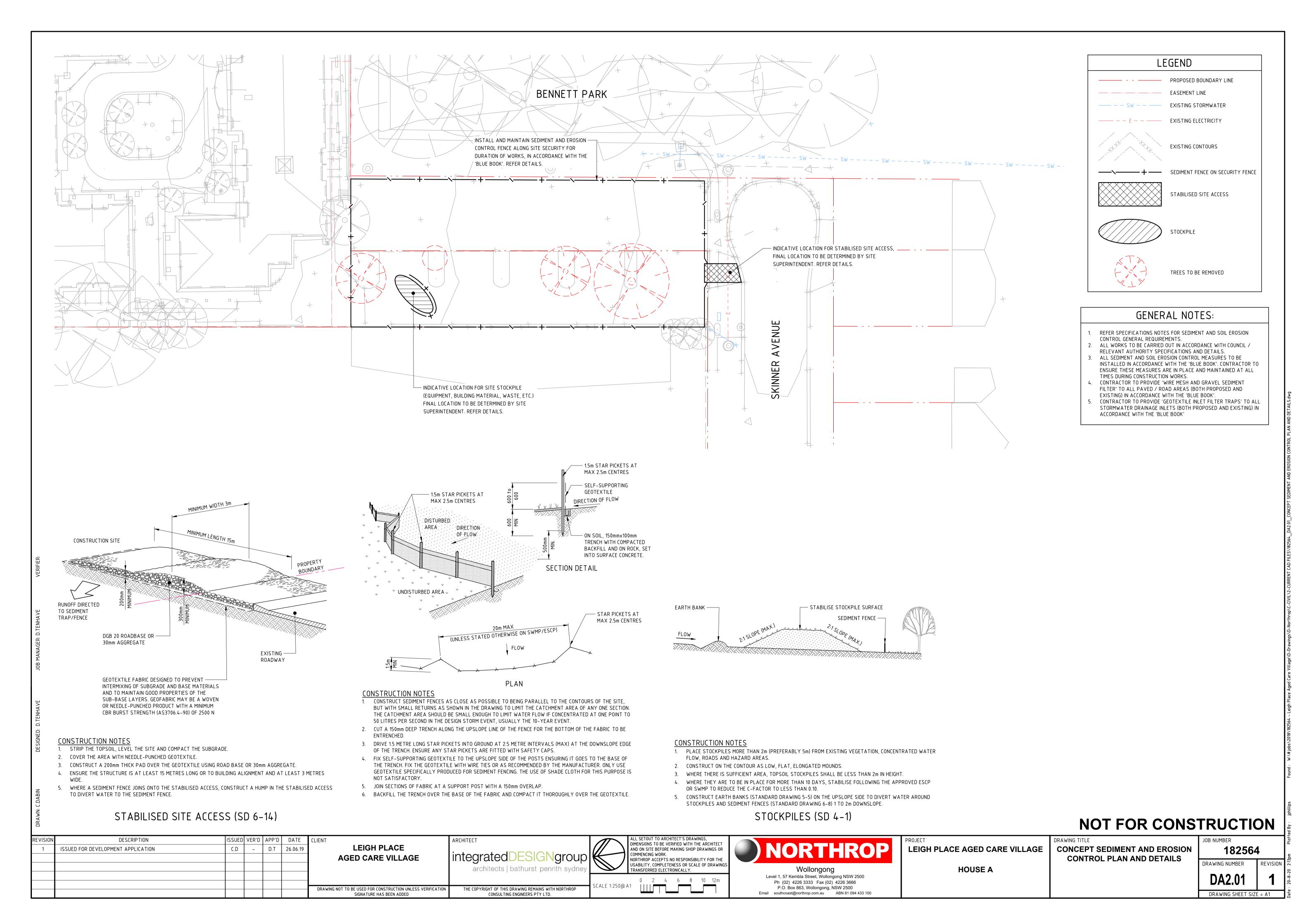


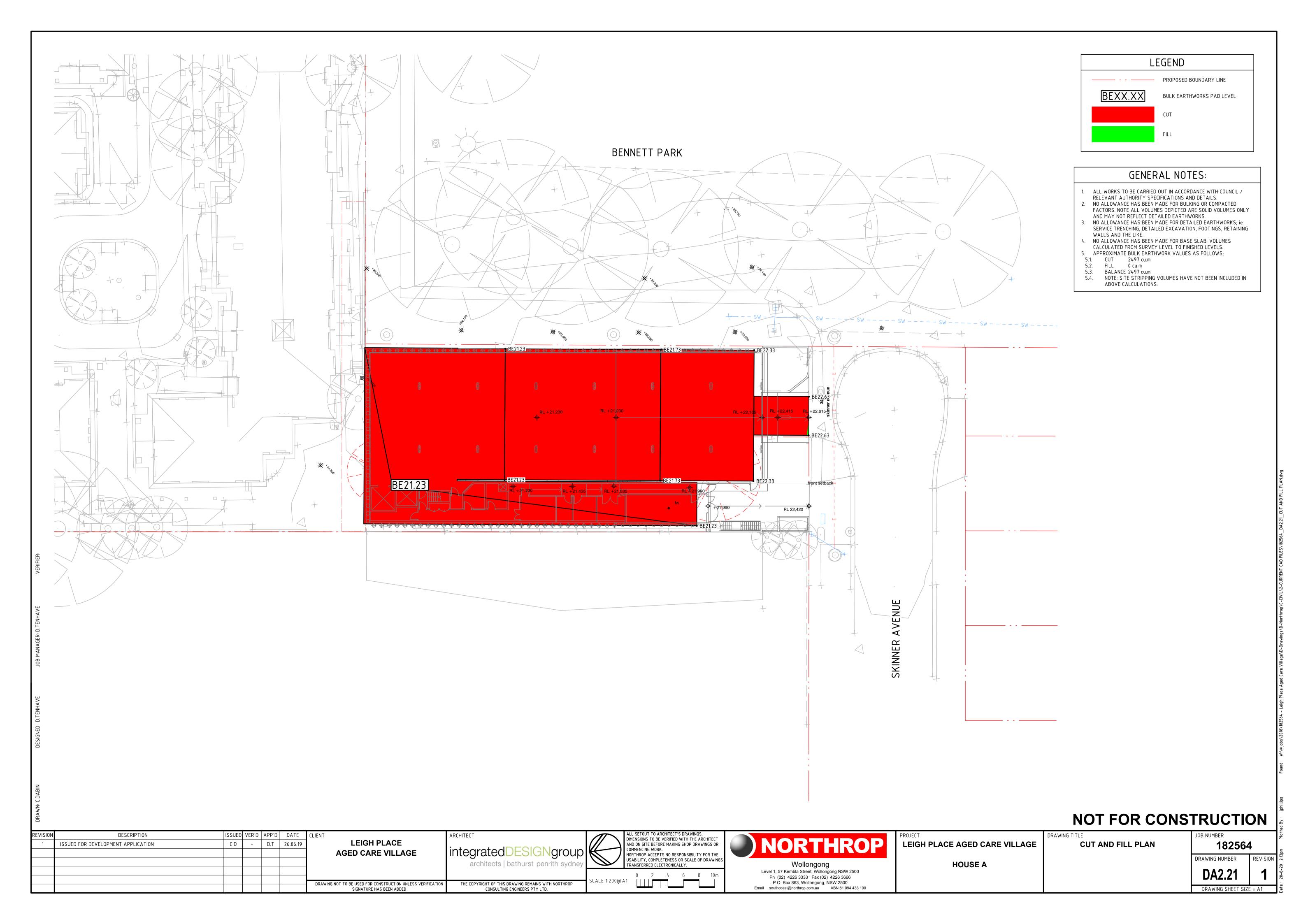
DRAWING SCHEDULE								
DRG No.	DRAWING TITLE							
DA1.01	COVERSHEET, DRAWING SCHEDULE AND LOCALITY PLAN							
DA2.01	CONCEPT SEDIMENT AND EROSION CONTROL PLAN AND DETAILS							
DA2.21	CUT AND FILL PLAN							
DA3.01	CONCEPT STORMWATER MANAGEMENT PLAN - BASEMENT							
DA3.02	CONCEPT STORMWATER MANAGEMENT PLAN - GROUND FLOOR							
DA3.11	CATCHMENT PLAN AND DESIGN SUMMARY							
DA4.01	ON-SITE DETENTION TANK SECTIONS							
DA5.01	TYPICAL DETAILS							

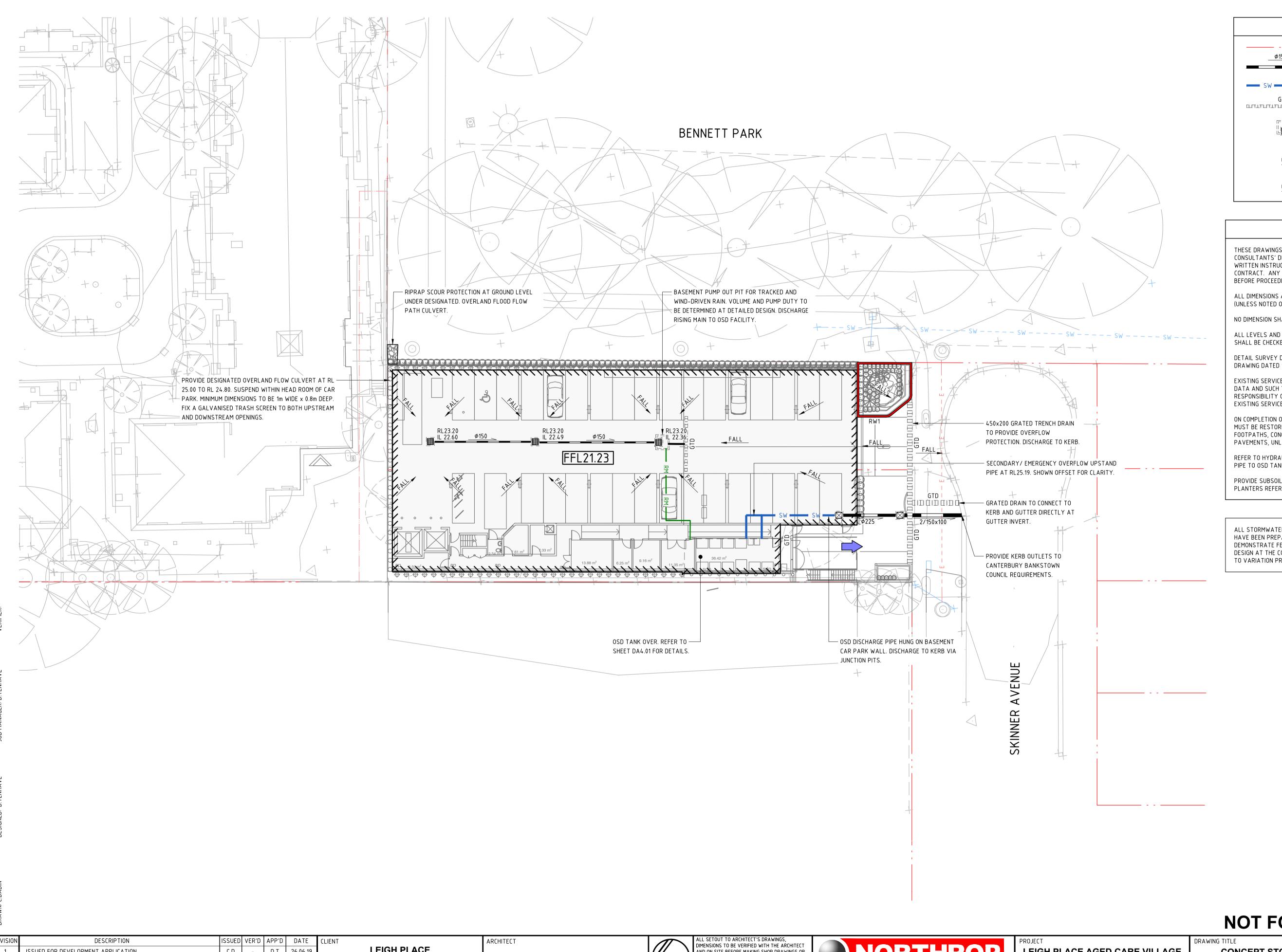
SOURCE: NEARMAP.COM.AU (©2018)

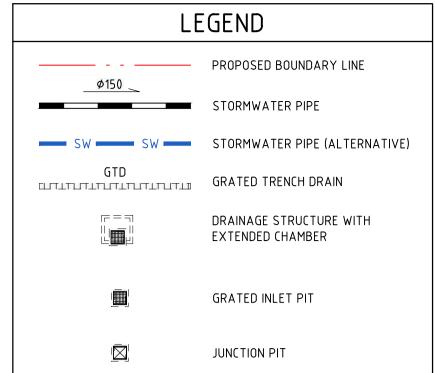
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REVIS	ON DESCRIPTION	ISSUED VER'D APP'D	DATE CLIENT	ARCHITECT		ALL SETOUT TO ARCHITECT'S DRAWINGS,		PROJECT	DRAWING TITLE	JOB NUMBER	
1	ISSUED FOR DEVELOPMENT APPLICATION	C.D - D.T	26.06.19 <b>LEIGH PLACE</b>	15501011		AND ON SITE BEFORE MAKING SHOP DRAWINGS OR		LEIGH PLACE AGED CARE VILLAGE	COVERSHEET, DRAWING SCHEDULE	182564	
			AGED CARE VILLAGE	integratedDESIGNgroup	16 1 7	COMMENCING WORK.   NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE	MORTHING		AND LOCALITY PLAN		_
				architects   bathurst penrith sydney		USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED FLECTRONICALLY	Wollongong	HOUSE A		DRAWING NUMBER REVISI	ON
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			DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED	N THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD.	THE COLUMN OF THIS BLOCK WITH TO THE COLUMN OF THE COLUMN		Email southcoast@northrop.com.au ABN 81 094 433 100			DRAWING SHEET SIZE = A1	









#### GENERAL NOTES

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

ALL DIMENSIONS ARE IN MILLIMETRES & ALL LEVELS ARE IN METRES, UNO (UNLESS NOTED OTHERWISE).

NO DIMENSION SHALL BE OBTAINED BY SCALING THE DRAWINGS.

ALL LEVELS AND SETTING OUT DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF THE WORK.

DETAIL SURVEY DATA WAS SUPPLIED BY TRUE NORTH SURVEYS, DRAWING DATED 11.10.2018.

EXISTING SERVICES WHERE SHOWN HAVE BEEN PLOTTED FROM SUPPLIED DATA AND SUCH THEIR ACCURACY CAN NOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORK.

ON COMPLETION OF STORMWATER INSTALLATION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL CONDITION, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS, UNLESS DIRECTED OTHERWISE.

REFER TO HYDRAULIC ENGINEERS DRAWINGS FOR DOWNPIPE LOCATIONS. PIPE TO OSD TANK. SIZE TO CATER FOR 1 IN 100 YEAR STORM EVENT.

PROVIDE SUBSOIL DRAINAGE TO ALL RETAINING WALLS AND LANDSCAPED PLANTERS REFER DETAIL. PIPE TO OSD FACILITY.

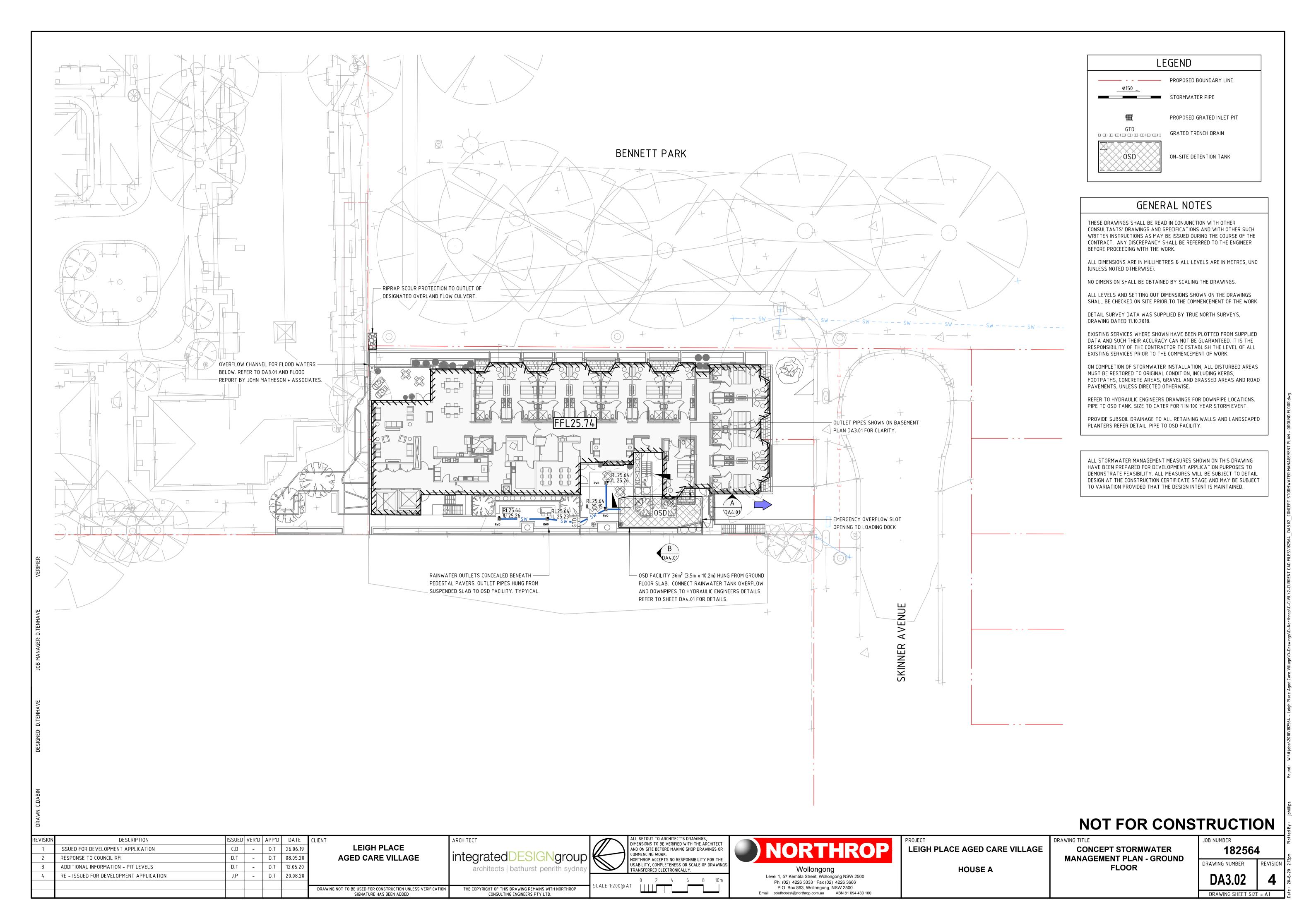
ALL STORMWATER MANAGEMENT MEASURES SHOWN ON THIS DRAWING HAVE BEEN PREPARED FOR DEVELOPMENT APPLICATION PURPOSES TO DEMONSTRATE FEASIBILITY. ALL MEASURES WILL BE SUBJECT TO DETAIL DESIGN AT THE CONSTRUCTION CERTIFICATE STAGE AND MAY BE SUBJECT TO VARIATION PROVIDED THAT THE DESIGN INTENT IS MAINTAINED.

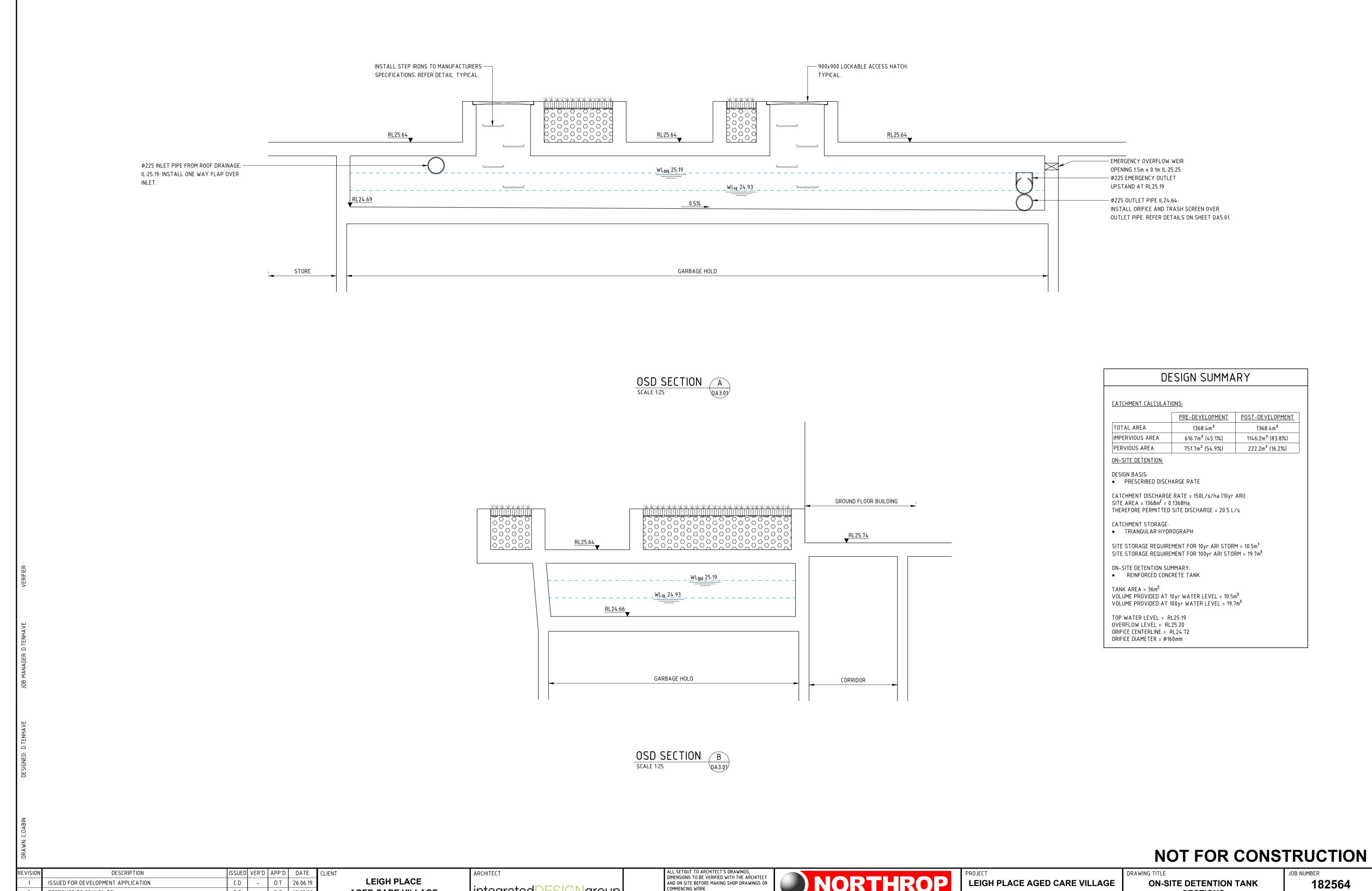
LEIGH PLACE LEIGH PLACE AGED CARE VILLAGE D.T 26.06.19 **CONCEPT STORMWATER** ISSUED FOR DEVELOPMENT APPLICATION AND ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING WORK. AGED CARE VILLAGE RESPONSE TO COUNCIL RFI D.T 08.05.20 **MANAGEMENT PLAN - BASEMENT** NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS
TRANSFERRED ELECTRONICALLY. D.T 12.05.20 ADDITIONAL INFORMATION - PIT LEVELS Wollongong architects | bathurst penrith sydner **HOUSE A** RE - ISSUED FOR DEVELOPMENT APPLICATION D.T 20.08.20 Level 1, 57 Kembla Street, Wollongong NSW 2500 Ph (02) 4226 3333 Fax (02) 4226 3666 CALE 1:200@ A1 | | | | | 💳 P.O. Box 863, Wollongong, NSW 2500
Email southcoast@northrop.com.au ABN 81 094 433 100 DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP

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RESPONSE TO COUNCIL RFI

D.T

D.T 08.05.20

AGED CARE VILLAGE

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**SECTIONS** 

**HOUSE A** 

PIT COVER, REFER TO PIT SCHEDULE FOR SIZE & SPECIFICATIONS -

PROPRIETARY PLASTIC PIT INSTALLED IN ACCORDANCE

MINIMUM 3m Ø90 AG. LINE —

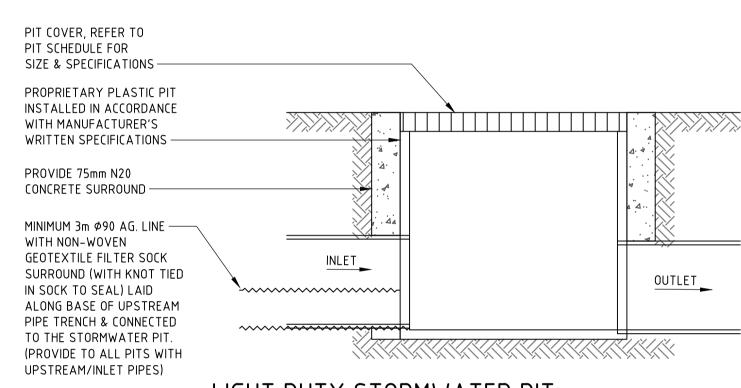
SURROUND (WITH KNOT TIED IN SOCK TO SEAL) LAID ALONG BASE OF UPSTREAM

WITH MANUFACTURER'S WRITTEN SPECIFICATIONS -

WITH NON-WOVEN GEOTEXTILE FILTER SOCK

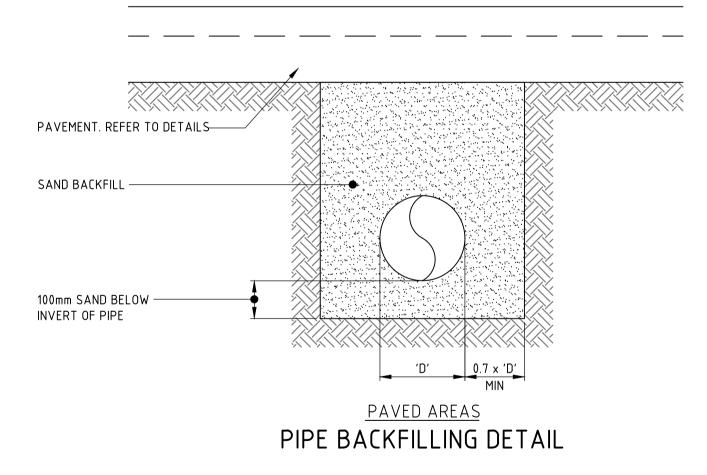
#### PIPE TRENCH & CONNECTED TO THE STORMWATER PIT. (PROVIDE TO ALL PITS WITH UPSTREAM/INLET PIPES) LIGHT DUTY STORMWATER PIT (FOR PIPES Ø300 OR LESS & DEPTHS 0.45m OR LESS)

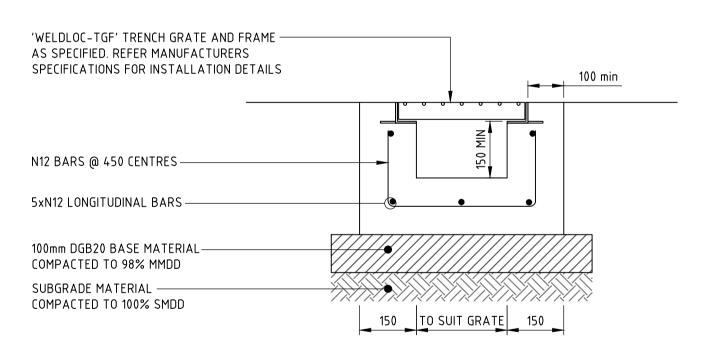
OUTLET



### LIGHT DUTY STORMWATER PIT (FOR PIPES Ø300 OR LESS & DEPTHS 0.6m OR LESS)

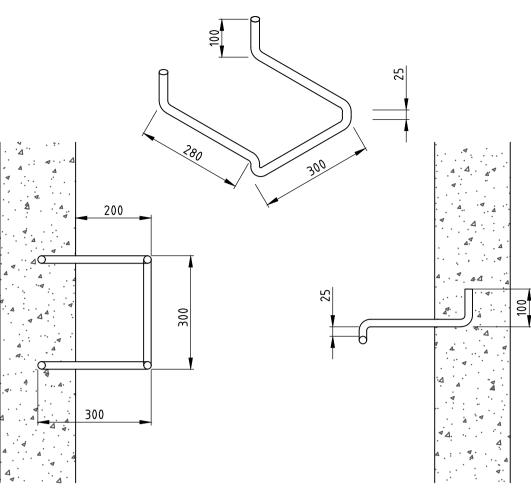
NOTE: - SPARGE INTERNAL PIT FACE AT ALL PIPE PENETRATIONS - PROVIDE ADEQUATE LEVEL OF COMPACTION AROUND PIT. REFER TO SPECIFICATIONS FOR REQUIREMENTS.





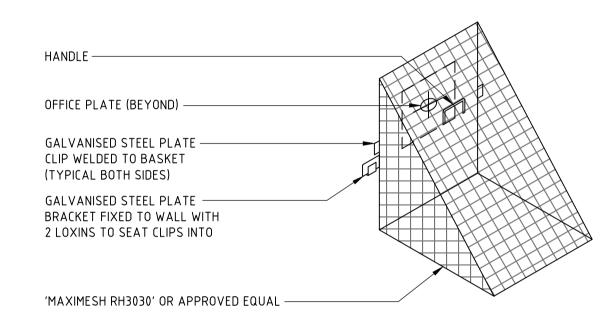
### GRATED TRENCH DRAIN 'GTD'

GRATED TRENCH DRAIN TO HAVE MINIMUM 150mm CLEARANCE AND 1% LONGITUDINAL FALL. GRATE CLASS TO BE CLASS 'B' HEELSAFE IN PEDESTRIAN AREAS AND CLASS 'D' IN TRAFFICKED AREAS UNLESS NOTED OTHERWISE ON PLAN

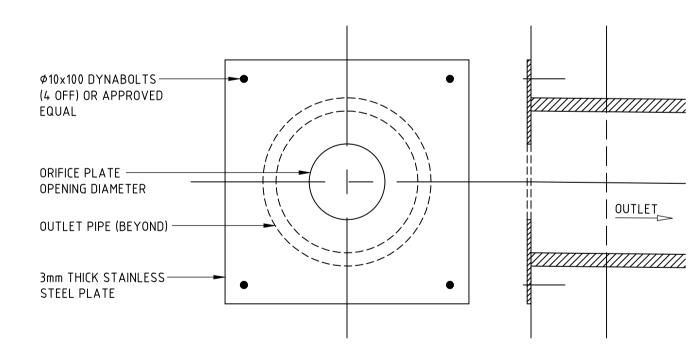


#### STEP IRON DETAIL

STEP IRON OF 20mm GALVANISED STEEL MADE TO SHAPE AND DIMENSIONS AS SHOWN, PLACED AT 300 CENTRES AND STAGGERED HORIZONTALLY FOR ALL PITS DEEPER THAN 1.0m. THE USE OF PROPRIETARY STEP IRONS ARE ACCEPTABLE PROVIDED THE PRODUCT IS IN ACCORDANCE WITH AUSTRALIAN STANDARDS



#### TRASH SCREEN DETAIL



ORIFICE PLATE DETAIL • ORIFICE PLATE – Φ 160

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