

GENERAL NOTES

- G1 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER 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.
- G2 ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT STANDARDS AUSTRALIA CODES AND WITH THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES EXCEPT WHERE VARIED BY THE PROJECT SPECIFICATION.
- G3 ALL DIMENSIONS SHOWN SHALL BE VERIFIED BY THE BUILDER ON SITE. ENGINEER'S DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS. ENGINEER'S DRAWINGS ISSUED IN ANY ELECTRONIC FORMAT MUST NOT BE USED FOR DIMENSIONAL SETOUT. REFER TO THE ARCHITECT'S DRAWINGS FOR ALL DIMENSIONAL SETOUT INFORMATION.
- G4 UNLESS NOTED OTHERWISE ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES.
- G5 ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH ACCEPTABLE SAFETY STANDARDS & APPROPRIATE SAFETY SIGNS SHALL BE INSTALLED AT ALL TIMES DURING THE PROGRESS OF THE JOB.

STORMWATER DRAINAGE NOTES

- 40mm OF LAGGING IS REQUIRED TO ALL STORMWATER PIPES THAT PASS THROUGH FOOTINGS.
- FLEXIBLE CONNECTIONS ARE TO BE PROVIDED TO THIS SITE - REF TO FOOTING DETAILS SHEETS.
- SUITABLE VERTICAL EXPANSION JOINT IS TO BE PROVIDED TO DOWNPIPES AT PAVING LEVEL.
- GRADE PAVING TO ALL SUMP LOCATIONS AT MIN 1.0%.
- DURING CONSTRUCTION WATER RUN-OFF SHALL BE COLLECTED AND CHanneled AWAY FROM THE BUILDING.
- 450mm COVER TO STORMWATER PIPES IN VEHICLE AREAS WITHOUT PAVING AND 100mm COVER FROM UNDERSIDE OF PAVEMENTS .
- SET-OUT OF BUILDING IS TO BE AS PER ARCH DRAWINGS.
- STORMWATER SYSTEM AND ALL EXTERNAL PAVING AND RETAINING WALLS ARE TO BE COMPLETED BY OWNER UNLESS OTHERWISE SPEC IN THE BUILDING CONTRACT AND IS TO BE COMPLETED AS SOON AS THE BUILDING IS HANDED OVER TO THE OWNER.
- RETAINING WALLS SHOWN APPROX. ONLY NOT TO BE USED FOR ESTIMATING PURPOSES.
- REFER TO FOOTING DETAILS AND CONSTRUCTION REPORT FOR REQUIREMENTS OF ALL TRENCH EXCAVATIONS NEXT TO FOOTINGS.
- TO BE IN ACC WITH AS/NZS 3500.3.

MAX DISCHARGE

	ROOF WATER	SURFACE WATER
1 IN 10	5.4L/Sec	5L/Sec
1 IN 100	5.4L/Sec	5L/Sec

NOTE:

BOX GUTTERS SIZE TO BE 200mm WIDTH \* 100mm DEPTH IN ACC WITH AS 3500.3 WITH APPROPRIATE OVERFLOW PLEASE CONTACT TRIAXIAL CONSULTING IF ANY QUERIES

NOTE:

WHERE TREES ARE TO BE REMOVED, ALL ORGANIC MATERIAL SHALL BE REMOVED AND REPLACED WITH COMPACTED FILL OF THE SAME SOIL PROPERTIES AS NATURAL GROUND. MOISTURE CONTENT OF NEW FILL TO BE NO LESS THAN EXISTING SITE SOIL.

WARNING:

BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF SERVICES IF SHOWN, ARE INDICATIVE ONLY AND NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES HAVE BEEN DOCUMENTED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN THE WORKS AFFECTED AREAS PRIOR TO ANY ON-SITE EXCAVATION.

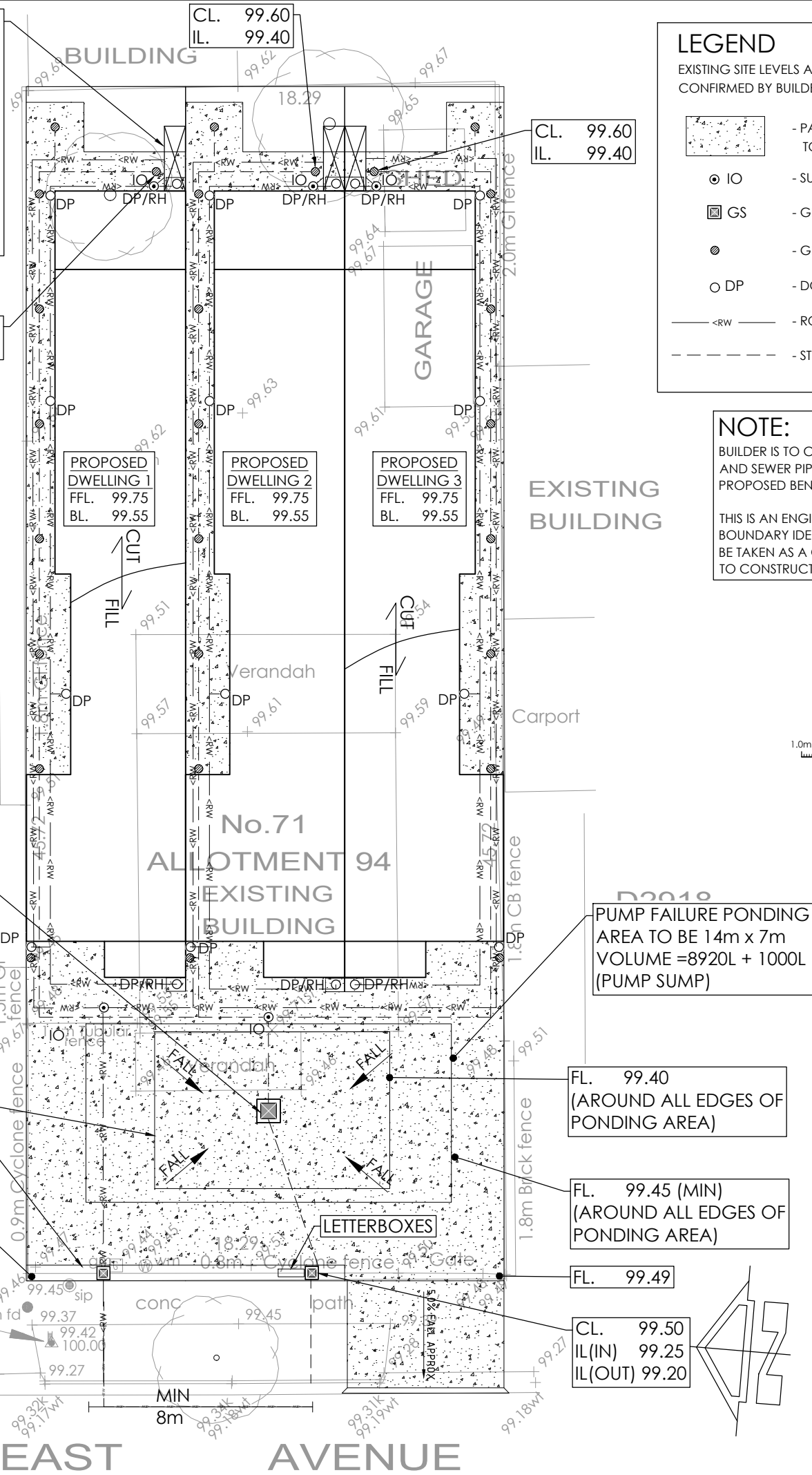
DENOTES 2000L COMBINATION SLIMLINE TANK (1000L RETENTION/ 1000L DETENTION) INSTALLED AS PER BCA SA 2.2 (TYP.). DIRECTED TO STREET WATER TABLE VIA 25mm ORIFICE

ENSURE GROUND UNDER TANK SLAB IS FULLY COMPACTED AS PER FOOTING CONSTRUCTION REPORT (TYP.).

PROVIDE MIN 1000L UNDERGROUND CONCRETE PUMP CHAMBER WITH TWIN SUBMERSIBLE SUMP PUMP. BOTH PUMPS CAPABLE OF DISCHARGING AT 5L/SEC. PUMPS TO BE FITTED WITH FAILURE ALARM AND HAVE ALTERNATE DUTY CYCLE WITH AUTOMATIC REVISION SHOULD EITHER PUMP FAIL. TOP LEVEL TO BE 99.20

100 YEAR ARI PONDING AREA, 9m x 6m APPROXIMATE CAPACITY OF 4040L, REQUIRED CAPACITY =4130-1000L(PUMP SUMP)=3130L

TBM : Top of Bolt 0.58 AGL  
Adopted elevation = 100.00m



LEGEND

EXISTING SITE LEVELS AND DETAILS BASED ON BASIC SURVEY TO BE CONFIRMED BY BUILDER.

- PAVING TO ARCH. REQUIREMENTS REFER TO FOOTING DETAILS FOR MIN. REQ.
- SURFACE INSPECTION OPENING
- GRATED SUMP 300x300 MIN.
- GRATED SUMP 90 DIA. MIN.
- DOWNPIPE 90 DIA. OR 150\*50 MIN.
- ROOFWATER LINE (SEALED SYSTEM PIPE)
- STORMWATER PIPE 90 DIA. MIN 1:200 FALL

NOTE:

BUILDER IS TO CHECK THERE IS ADEQUATE FALL TO STORMWATER AND SEWER PIPES PRIOR TO COMMENCING EARTHWORKS WITH PROPOSED BENCH LEVEL.

THIS IS AN ENGINEERING SURVEY AND SHALL NOT BE TAKEN AS A BOUNDARY IDENTIFICATION. THE BOUNDARY DATA SHOWN IS TO BE TAKEN AS A GUIDE ONLY. TO BE CONFIRMED BY BUILDER PRIOR TO CONSTRUCTION.

SCALE 1:200 AT A3 SHEET

COUNCIL QUERIES	05/04/18	G	JA
DETENTION & PUMP	27/03/18	F	JA
ORIFICE SIZE SHOWN	15/03/18	E	JA
REVISED PLAN	19/02/18	D	FT
REVISED PLAN	06/12/17	C	FT
REVISED PLAN	03/10/17	B	FT
AMENDMENTS	DATE	ISSUE	BY
STATUS			

ISSUED FOR APPROVAL



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SYDNEY | ADELAIDE | BAROSSA | DARWIN | MUDGEE

CLIENT  
U. & F. FARINA FAMILY TRUST

PROJECT  
PROPOSED RESIDENCE  
71 East Ave  
Allenby Gardens

DESIGNED FT	DRAWN FT	DATE 28/09/17	SIZE A3	CAD REF TX12816.00
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DRAWING TITLE  
CIVIL PLAN

DRAWING No  
TX12816.00  
ISSUE  
C1.0 G