

RWT TANK SECTION (TYPICAL)
1:20

UNDERGROUND SERVICES:
DIAL INTO BEFORE YOU DIG FOR LOCATION OF UNDERGROUND SERVICES PRIOR TO ANY CONSTRUCTION WORKS.
CONTACT TELSTRA FOR WRITTEN PERMISSION TO MAINTAIN OR RELOCATE ANY EXISTING SERVICE PIT.
ALL SERVICES ARE TO MATCH INTO THE NEW FOOTPATH LEVELS TO SERVICES.

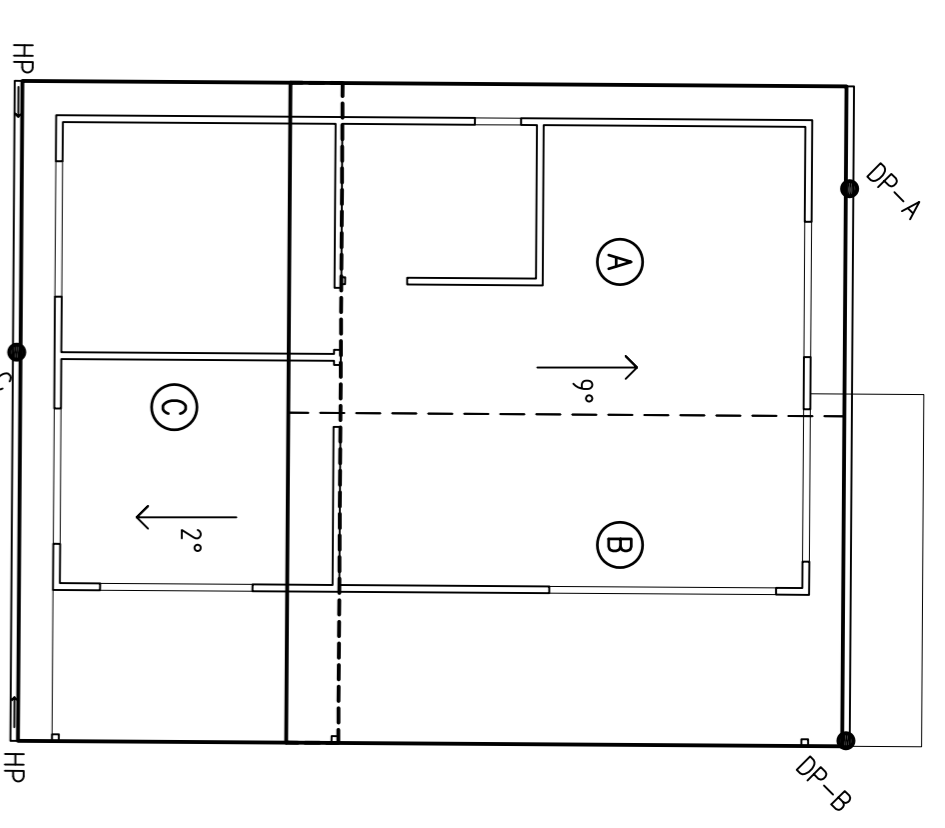
EXISTING STORMWATER SYSTEM TO BE CHECKED AND UPGRADED AS REQUIRED

DRAINAGE LINES LOCATIONS ARE INDICATIVE ONLY AND MAY VARY DUE TO SITE CONSTRAINTS. FINAL PIPES LOCATIONS TO BE COORDINATED ON SITE WITH OTHER SERVICES & BUILDERS.

LEAF GUARD
TO BE INSTALLED TO EACH DOWN PIPE

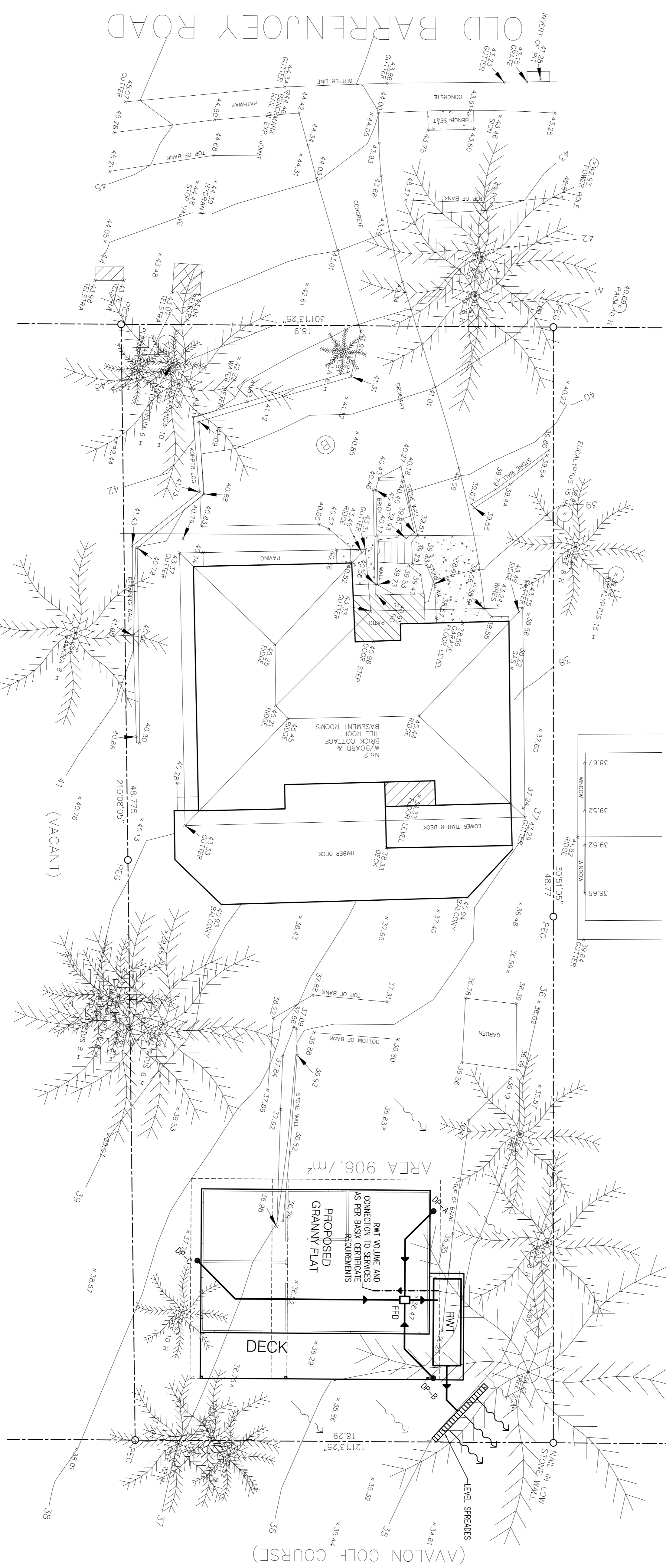
SUBCATCHMENT AREAS FOR GUTTERS & DOWNPIPES (AISI 20 YEARS)				
VERTICAL DOWNPIPE	SUB-CATCHMENT PLAN AREA (m ²)	CATCHMENT AREA (m ²)	MIN. EFFECTIVE GUTTER CROSS-SECT AREA (mm ²)	DP CROSS-SECT
A	32.0	34.6	7300	Ø100 OR 70x75
B	32.0	34.6	7300	Ø100 OR 70x75
C	31.0	31.6	7300	Ø100 OR 70x75

EAVES GUTTER SPECIFICATION:
EAVES GUTTER REQUIREMENTS TO BE 1500 OR GREATER. EAVES GUTTER TO HAVE AN EFFECTIVE CROSS SECTIONAL AREA AS PER TABLE ABOVE. DOWNPIPES CROSS-SECTION TO BE AS PER TABLE ABOVE. FASTEN TO BE A MINIMUM OF 10mm ABOVE GUTTER OVERFLOW.



ROOF PLAN
1:100

LEGEND
VERTICAL DOWN PIPE = ●
HIGH POINT = HP
DOWN PIPE = DP



SITE DRAINAGE CONCEPT PLAN
1:100

LEGEND
VERTICAL DOWN PIPE = ●
DOWN PIPE = DP
SURFACE RUN OFF = ○
SEALED SCREW OFF LID = SSL
FIRST FLASH DEVICE = FFD

DOCUMENT CERTIFICATION
I HEREBY CERTIFY THAT THESE DRAWINGS AND SPECIFICATIONS ARE THE WORK OF ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL RELEVANT STANDARDS AND REGULATIONS OF THE BUILDING CODE OF AUSTRALIA AND/OR AUSTRALIAN STANDARDS.

26/10/16
26/10/16

Michael Korecky

NO.	ISSUED FOR	DATE
1	ISSUED FOR DA AMENDMENT	26/10/16

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PROJECT:
PROPOSED GRANNY FLAT
NO 2 OLD BARENJOEY ROAD
AVALLON
CLIENT:
MULTIDWELL GROUP PTY LTD

WWW.PLANSDESIGN.COM.AU
MOB: 0438148944

DATE: 26/10/16
SCALE: AS NOTED

DRAWN: MK
ISSUE: 1

DRAWING NO.: 16116
SHEET: SW-1

GENERAL NOTES
ALL PLUMBING WITHIN THE SITE MUST BE CARRIED OUT IN ACCORDANCE WITH RELEVANT PROVISIONS OF AUSTRALIAN STANDARD AS/NZS 3500.2-2003 (PLUMBING AND DRAINAGE - STORMWATER DRAINAGE).
ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD)

DO NOT SCALE FROM THE DRAWINGS.
THE CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS. REPORT ANY DISCREPANCIES TO THE SUPERINTENDENT OR DESIGN ENGINEER.

ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS AND SPECIFICATION.

READ THESE PLANS IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND MECHANICAL DRAWINGS AND SPECIFICATION.

WHERE NEW WORK EXISTS, THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM BUMP/PI CHANGES, IS OBTAINED. DESIGN LEVELS GIVEN ARE TO FINISHED SURFACE LEVEL AND INCLUDE OF TOPSOIL (TOPSOIL DEPTH Varies).

THE CONTRACTOR SHALL ARRANGE ALL SPRAY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.

CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. DESIGN LEVELS GIVEN ARE TO FINISHED SURFACE LEVEL AND INCLUDE OF TOPSOIL (TOPSOIL DEPTH Varies).

ALL BUILDING SHORING SHOULD BE GRADED TO ENSURE OVERFLOW TOWNSHIP AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF BY-LAWS AND ORDINANCES OF THE RELEVANT AUTHORITIES.

PROPRIETARY PRODUCTS USED SHALL BE INSTALLED TO MANUFACTURERS SPECIFICATION AND TO THE SATISFACTION OF THE SUPERINTENDENT.

EXTERNAL WORKS
ALL ACTIVITIES AND WORKS EXTERNAL TO THE SITE, OR THAT AFFECT PUBLIC ROADS, ARE TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S CODES AND STANDARDS.

PUBLIC FOOTPATHS SHALL BE RECONSTRUCTED TO THE SATISFACTION OF COUNCIL'S DIRECTOR OF ENGINEERING SERVICES. A ROAD OPENING PERMIT SHALL BE OBTAINED FOR ALL WORKS CARRIED OUT IN A PUBLIC OR CONTROLLED LAND. RESTORATION OF LANDSCAPE, ROADS AND SHALL BE TO THE SATISFACTION OF THE AFFECTED PARTIES.

WHERE WORKS ARE UNDERTAKEN ON PUBLIC ROADS ADEQUATE TRAFFIC CONTROL AND DIRECTIONS TO MOTORISTS SHALL BE PROVIDED.

DRAINAGE PITS
PITS DEEPER THAN 1200mm TO BE FITTED WITH STEP RINGS AT 300mm CENTRES AND SHROUDED.
APPROVED PRECAST PITS MAY BE USED.

RAINFALLER DOWNPIPE FOR GIBBER DRAINAGE OUTLET TO BE LOCATED 100mm ABOVE INVERT OF ALL INLET PRESS. DIAMETER 100mm SUBSIST DRAINAGE TO EXTEND FOR A DISTANCE OF 3.0m UPSTREAM OF FIT (AT EACH INLET PIT) WITH THE UPSTREAM END SEALED.

ALL CONNECTIONS TO THE EXISTING DRAINAGE PITS SHALL BE MADE IN A TRIANGULAR LINE AND THE INTERNAL WALL OF THE FIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH. FIT GRATES AND SLOD COVERS SHALL BE CLASS 'B' IN NON TRAFFIC AREAS AS 9996.

DRAINAGE PIPES
EXISTING PIPES WHICH FORM NO PART OF THE DRAINAGE SYSTEM SHALL BE REMOVED OR SANITIFIED AS INDICATED ON THE PLANS.
PIPE LENGTHS MENTIONED ARE BETWEEN PIT CENTRES.

ALL DRAINAGE PIPES LESS THAN 300mm DIAMETER SHALL BE STONER GRADE PVC WITH SOLVENT WELDED JOINTS (JOINTS). ALL PIPE JOINTS AND FITTERS SHALL BE VULCANISED RUBBER FITTINGS.

MINIMUM GRADE TO DRAINAGE PIPES TO BE 1:5% U/L/D.

MINIMUM PIPE SIZE TO BE 100mm DIAMETER U/L/D.

THE CONTRACTOR IS TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISMOUNTABLE PIPES.

DRAINAGE RE-USE NOTES AND SPECIFICATIONS
ROOF WATER ONLY TO BE DRAINED TO THE DRAINAGE STORAGE TANKS.
THE DRAINAGE STORAGE TANKS ARE TO BE CONNECTED FOR RE-USE AS REQUIRED BY THE LOCAL COUNCIL.

DRAINAGE STORAGE TANKS TO BE CONSTRUCTED IN ACCORDANCE WITH STONER GRADE PVC WITH SOLVENT WELDED JOINTS (JOINTS). ALL PIPE JOINTS AND FITTERS SHALL BE VULCANISED RUBBER FITTINGS.

PRODUCE NAME TOP-UP SUPPLY TO DRAINAGE TANKS. NAME TOP-UP PIPE TO BE BASED ON THE DAILY NON-POUNDING LOAD THAT MAY BE EXPECTED FROM THE TANK.

PRODUCE A RECOMMENDED PUMPING ARRANGEMENT (IN SOME-MAYOR HOUSING TO PUMP STORAGE TANKS) TO SILENTLY DRAIN EXCESS WATER FROM STORAGE TANKS TO THE DRAINAGE STORAGE TANKS.

NAME TO BE PROVIDED TO THE CONTRACTOR TO PRESENT THE ENTRY OF PERSON WATER METER TO METER.

A 50mm MUST BE AFFIXED TO THE DRAINAGE TANKS AND HOSE LIPS AS PER ASSOCIATED LOCAL COUNCIL REQUIREMENTS.

THE TANK MUST NOT BE INSTALLED OVER ANY MAINTENANCE STRUCTURE OR FITTINGS USED BY A PUBLIC AUTHORITY.

DRAINAGE TANKS AND ASSOCIATED PUMPING WORKS TO BE INSTALLED AND CONTROLLED BY A LICENSED PLUMBER. PUMP TO BE INSTALLED BY A LICENSED ELECTRICIAN.