

PROPOSED DOUBLE STOREY DWELLING 17 PENHURST ROAD, ROSELANDS



_	FAIRMONT HOMES ^{NSW}	

DRAWN	DATE	DESCRIPTION	ISSUE	CLIENT	DESIGNED BY:	D.S.	ISSUE:	
D.S.	24.02.2023	ISSUED FOR CDC	A	QIAN	CHECKED BY:	D.S.	۸	
				SITE ADDRESS	SCALE:	1:100	A	
				17 PENHURST ROAD, ROSELANDS	JOB NO: ARC	H DRAWING NO:	SHEET NO:	
					PSW23083	2135	SW01	
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COVER PAGE

<u>LEGEND</u>					
DP ●	DOWNPIPE				
	STORMWATER LINE				
SSD	SUBSOIL DRAINAGE LINE				
—— OF ——	OVERFLOW LINE				
SWRM	STORMWATER RISING MAIN				
e	EXISTING STORMWATER LINE				
swsw	AUTHORITY STORMWATER LINE				
НЬ НЬ	HIGH LEVEL STORMWATER LINE				
—— s——	AUTHORITY SEWER LINE				
w	AUTHORITY WATER LINE				
—— G —— G ——	AUTHORITY GAS LINE				
	AUTHORITY ELECTRICITY LINE				
— FO— FO— FO—	AUTHORITY FIBRE OPTIC LINE				
TEL	AUTHORITY COMMS LINE				
	FENCE LINE				
	GRATED SURFACE INLET PIT				
	GRATED SURFACE INLET PIT WITH ENVIROPOD INSERT				
	JUNCTION PIT				
	KERB INLET PIT				
	EXISTING GRATED SURFACE INLET PIT				
	EXISTING GRATED TRENCH DRAIN				
	EXISTING JUNCTION PIT				
	EXISTING KERB INLET PIT				
■ eTEL	EXISTING TELSTRA PIT				
⊞ eHYD	EXISTING HYDRANT				
⊠ eSV	EXISTING STOP VALVE				
□ eGAS	EXISTING GAS VALVE				
O ePP	EXISTING POWER POLE				
¤ eBT	EXISTING BOUNDARY TRAP				

	,				
<u>LEGEND</u>					
FF ∅	FIRST FLUSH				
eSMH	EXISTING SEWER MANHOLE				
OFP	OVERLAND FLOW PATH				
RWO ∅	RAINWATER OUTLET				
CO Ø	CLEAR OUT POINT				
DDO ∅	DISH DRAIN OUTLET				
PD ∅	PLANTER DRAIN				
٦	CAPPING				
(1.01)	PIT TAG/NUMBER				
RH 🗹	RAINHEAD				
•	DOWNPIPE DROP				
\bowtie	NON RETURN VALVE				
<u> </u>	WALL PENETRATION				
DP •	DOWNPIPE SPREADER				
-	WARNING LIGHT				
0.00 �	SPOT LEVELS				
Δ	BENCHMARK				



DIAL BEFORE YOU DIG SHOULD BE CONTACTED PRIOR TO ANY EXCAVATION ON SITE TM: TRADE MARK OF THE ASSOCIATION OF DIAL BEFORE YOU DIG SERVICES LTD. USED

UNDER LICENSE.

SERVICES SHOWN ON PLAN ARE INDICATIVE, EXACT DEPTH AND LOCATION TO BE CONFIRMED ONSITE. CONTRACTOR TO CARRY OUT DIAL BEFORE YOU DIG APPLICATION AND ENGAGE A REGISTERED SURVEYOR TO PEG OUT ALL EXISTING SERVICES PRIOR TO ANY WORK COMMENCING ONSITE.

ABBREVIATIONS:

ø or DIA DIAMETER CALIFORNIA BEARING RATIO CHAINAGE CENTER LINE CLEAR OUT DISH DRAIN DISH DRAIN OUTLET DOWELLED EXPANSION JOINT DGB DENSE GRADED BASECOURSE DGS DENSE GRADED SUB-BASE DOWNPIPE EXISTING FINISHED FLOOR LEVEL GRATED TRENCH DRAIN GRATED SURFACE INLET PIT HYDRANT ISOLATING JOINT INTEGRAL KERB INVERT LEVEL INTERSECTION POINT KERB INLET PIT KERB ONLY KERB & GUTTER KERB RETURN LONGITUDINAL SECTION NATURAL GROUND LEVEL OVERLAND FLOW PATH OSD ON-SITE DETENTION REINFORCED CONCRETE PIPE ROLL KERB & GUTTER REDUCED LEVEL RETAINING WALL RAINWATER TANK SAWN CONTROL JOINT SEWER MAN HOLE STORMWATER SWP STORMWATER PIT

STORMWATER RISING MAIN

UNPLASTICISED POLYVINYL

UNLESS NOTED OTHERWISE WEAKENED PLANE JOINT FIRST FLUSH DEVICE

STORMWATER SUMP

STOP VALVE

TOP OF KERB

TOP OF WALL TOP WATER LEVEL

TYPICAL

BENCH MARK

TANGENT POINT

SWRM

TOK

TOW

UPVC

TYP

DRAINAGE NOTES:

ALL PIPES TO BE LAID ON 75mm SAND BED WITH THE BARRELS FULLY

100mm AND 150mm DIAMETER PIPES TO BE LAID ON MINIMUM 1%

MINIMUM DEPTH OF COVER FOR PIPES NOT SUBJECT TO VEHICULAR

ALL DRAINAGE PIPES LAID UNDER PAVEMENT SHALL BE REINFORCED

BACKFILL TRENCHES WITH COMPACTED SAND OR APPROVED AGGREGATE MATERIAL

SILT ARRESTORS TO HAVE 900x900mm INTERNAL DIMENSIONS

PIT GRATE TO BE TYPE WELDLOK OR APPROVED EQUIVALENT

ALL PITS SHALL BE MAINTAINED REGULARLY

TOP OF BENCHING SHALL BE TO THE HALF OF THE OUTLET PIPE DIAMETER

MAXIMUM FRONT ENTRY PIPE: -STRAIGHT ENTRY - Ø750 SKEW ENTRY 45° - Ø525

ø100 SUBSOIL DRAINAGE PIPE 3000mm LONG WRAPPED IN FABRIC

PROVIDE CLEANING EYES TO ALL DOWNPIPES NOT DIRECTLY CONNECTED

ISOLATED JOINTS TO BE PROVIDED TO ISOLATE CONCRETE PAVEMENTS

ALL TRENCH GRATES PROVIDED SHALL HAVE A MINIMUM CLEAR WIDTH

STORMWATER DRAINAGE CONNECTIONS TO THE MAIN SYSTEM SHALL BE TO THE REQUIREMENTS AND THE SATISFACTION OF LOCAL COUNCIL

LOADING TO BE 300mm

CONCRETE WITH RUBBER RING JOINTS

ALL PITS TO HAVE 600x600mm INTERNAL DIMENSIONS (U.N.O.)

HEAVY DUTY GRATES AND COVERS ARE TO BE PROVIDED IN

TRAFFICABLE AREAS

ALL PITS SHALL BE PROVIDED WITH A LOCKING CLIP

SOCK TO BE PROVIDED ADJACENT TO INLET PIPES

COMPRESSIVE STRENGTH f'c FOR CAST IN SITU CONCRETE TO BE A MINIMUM OF 20MPa AT 28 DAYS

SURVEY

NOTES:

SUBGRADE.

PROVIDED UNDER PIPE COLLARS.

DETAILS DURING EXCAVATION.

LAYER AS FOLLOWS:

BELOW BASE COURSE)

SELECT FILL

BASE COURSE

NOTES:

INCOMING FLOWS.

REINSTATE FOOTPATH SUBGRADE.

SELECT FILL (LESS THAN 300mm

EXPOSED EARTH EXCAVATIONS (TYPICAL).

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY COMPLETE PRECISION SURVEYS. BEING REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. PRIME ENGINEERING CONSULTANTS DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAW.

STORMWATER PIPE BEDDING/PAVING

WHERE TRENCH BASE IS ROCK A MINIMUM OF 75mm BEDDING TO BE

LOCAL COUNCIL REQUIREMENTS. BEDDING DETAILS TO BE CONFIRMED

STORMWATER PIPE BEDDING DETAIL TO BE IN ACCORDANCE WITH

FOOTPATH REINSTATEMENT NOTES:

SUPPORT ALL AUTHORITY SERVICES TO STRUCTURAL ENGINEERS

EROSION & SEDIMENT CONTROL

PROVIDE SILT FENCE/HAY BAIL BARRIERS TO THE LOW SIDE OF ALL

ISOLATE EXISTING STORMWATER PITS WITH HAY BALES TO FILTER ALL

DO NOT STOCK PILE EXCAVATED MATERIAL ON THE ROAD WAY.

REMOVE ALL SAND FILL WITHIN THE FOOTPATH AREA TO THE EXISTING

THE CONTRACTOR SHALL PROVIDE CERTIFICATION OF COMPACTION FROM

95% MODIFIED

98% MODIFIED

100% MODIFIED

A NATA REGISTERED TESTING AUTHORITY. MINIMUM THREE TESTS PER

UPON EXCAVATION & PRIOR TO INSTALLATION OF PIPEWORK.

SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT PRIME ENGINEERING CONSULTANTS.

ADOPT DATUM RL 31.41. (A.H.D) AS PER COMPLETE PRECISION

DRAWING REGISTER						
NUMBER	NAME	REVISION				
SW01	COVER SHEET	Α				
SW02	SPECIFICATIONS SHEET	Α				
SW03	STORMWATER DRAINAGE PLAN	А				
SW04	STORMWATER DRAINAGE DETAILS	A				



NSW 2170

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